

0053006

Part 2 of 2

AR TARGET SHEET

The following document was too large to scan as one unit; therefore, it has been broken down into sections.

DOCUMENT# 0514817

TITLE WIDS Sites Included in Submittal
300-FF-2

EDMC# 0053006

SECTION 3 of 4

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-210

Site Classification: Rejected

Page 1

Site Names: 300-210, 3790 Building Stormwater Runoff, Miscellaneous Stream #514

Site Type: French Drain

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594019.188

(N) 115598.773

Washington State Plane

Site Description: The site is a drain that received stormwater. The site is located at the bottom of a covered stairwell. The drain is covered by a 0.30 meter (0.98 foot) metal grate and is surrounded by concrete.

Location Description: The site is located on the west side of the 3790 building, at the bottom of the south stairwell.

Associated Structures: This site is associated with the 3790 building.

Site Comment: According to the "Inventory of Miscellaneous Streams," Revision 3, this stream was "deleted" in 9/97; it discharges to miscellaneous stream #376 (WIDS Site 300-208) and not a separate disposal structure. No standing water was visible on a 10/1/98 visit.

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.30 Meters 0.98 Feet

Site Shape: Circle

Comment: This measurement is for the grate.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: Septic Permit: No

Air Operating Permit: No Inert Landfill: No

**Air Operating Permit
Number(s):****Tri-Party Agreement**

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: The flow rate to the stairwell drain is less than 0.038 liters per minute (0.01 gallons per minute).
References: 1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 10/01/1998 **Field Crew:** K.A. Prosser, L. Dietz, C. Webb, S. Burnum
End Date: 10/01/1998
Purpose: verify site conditions
Site Cover: Concrete
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/1/98
Pathname: \\bhi002\esd-img\300\4143\4143_01.JPG
Description: Photo shows drain at the bottom of the stair well adjacent to the south side of the main entrance to 3790 Bldg.

Date Taken:	10/1/98
Pathname:	\\bhi002\esd-img\300\4143\4143_02.JPG
Description:	Photo show location of drain at the bottom of the stairwell.
Date Taken:	10/5/98
Pathname:	\\bhi002\esd-img\300\4143\4143_03.JPG
Description:	This digital photo shows stream #514 in the south stairwell on the west side of the 3790 building.
Date Taken:	10/5/98
Pathname:	\\bhi002\esd-img\300\4143\4143_04.JPG
Description:	This digital photo shows another perspective of stream #514.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-210	11/10/1998
Site Alias(es):	300-210, 3790 Building Stormwater Runoff, Miscellaneous Stream #514	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
-----------------------	-----------------------------	-------------------------

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES NO

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-210

11/10/98

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments:

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-211

Site Reclassification Status: Rejected

Page 1

Site Names: 300-211, 382 Building Steam Condensate, Miscellaneous Stream #429

Site Type: French Drain

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593885.375

(N) 115968.273

Washington State Plane

Site Description: The site is a french drain that receives steam condensate. The drain is a clay pipe covered by a 1.12 meter (3.67 foot) metal lid. The top of the clay pipe is a few centimeters above grade. The lid has three holes cut into it and is labeled "Confined Space." A metal pipe approximately 2.5 centimeters (1 inch) in diameter and labeled "LPD-TRP-016" enters the drain through one of these holes. During the site walkdown, steam could be seen rising from the drain and the sound of a liquid being discharged into the drain could be heard.

Location Description: The site is located at the northwest corner of the north wing of the 382 Building.

Process Description: Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the 382 Building.

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received steam condensate only.

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Site Hazards:

Hazard Type: Physical

Status: Verified

Date: 10/19/98

Description: Confined Space

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Dimensions:

Diameter: 1.12 Meters 3.67 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When this site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute).

References: 1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.**Field Work:**

Type: Site Walkdown

Begin Date: 10/19/1998

Field Crew: K.A. Prosser

End Date: 10/19/1998

Purpose: to verify site location and conditions

Site Cover: Gravel or Rock

Site Code: 300-211

Site Reclassification Status: Rejected

Page 3

Site Accessible: Yes Site Found: Yes

Soil Discoloration: No Debris Visible: No

Soil Texture: Gravel (>50%, <1 inch)

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/19/98

Pathname: \\bhi002\esd-img\300\4144\4144_01.JPG

Description: This is a close-up of stream #429.

Date Taken: 10/19/98

Pathname: \\bhi002\esd-img\300\4144\4144_02.JPG

Description: This photo was taken looking south towards the north end of the 382 Building. The site is at the northwest corner.

Waste Site Reclassification Form

Date Submitted: 10/21/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-211 Type of Reclassification Action: <div style="display: flex; justify-content: space-between;"> <div>Rejected</div> <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between;"> <div>Closed-Out</div> <input type="radio"/> </div> <div style="display: flex; justify-content: space-between;"> <div>No Action</div> <input type="radio"/> </div>	Control Number: 98-140
--	--	-------------------------------

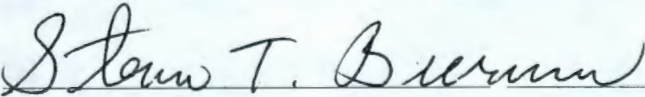
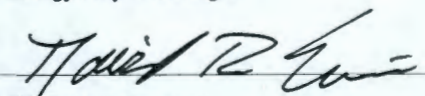
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a french drain that receives steam condensate. The drain is a clay pipe covered by a 1.12 meter (3.67 foot) metal lid. The top of the clay pipe is a few centimeters above grade. The lid has three holes cut into it and is labeled "Confined Space." A metal pipe approximately 2.5 centimeters in diameter and labeled "LPD-TRP-016" enters the drain through one of these holes. During the site walkdown, steam could be seen rising from the drain and the sound of a liquid being discharged into the drain could be heard. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #429.

Basis for reclassification:

Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion. The site is an active structure that receives less than 0.01 gallons per minute steam condensate only. Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received steam condensate only. The flow rate is less than 0.038 liters (0.01 gallons per minute).

<div style="text-align: center;">  _____ DOE Project Manager </div>	<div style="text-align: center;"> _____ Signature </div>	<div style="text-align: center;"> 12/15/98 _____ Date </div>
<div style="text-align: center;">  _____ EPA Project Manager </div>	<div style="text-align: center;"> David R. Eisen _____ Signature </div>	<div style="text-align: center;"> 12/15/98 _____ Date </div>

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-213

Site Reclassification Status: Rejected

Page 1

Site Names: 300-213, West High Tank (Water Tower) Overflow and Steam Condensate, Miscellaneous Stream #332

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594037.188

(N) 116008.633

Washington State Plane

Site Description: The site is a french drain that received steam condensate and overflow from a water tower. The drain has a square concrete base covered by two metal grates. The concrete base is approximately 1 meter (3.3 feet) deep. At the bottom of this reservoir is an opening approximately 11 centimeters (4.3 inches) in diameter. Inside the reservoir is a square metal plate held at an angle by two metal rods extending through the grates. Without this support, it appears as though the metal sheet would lay flat at the bottom of the reservoir and block the outlet pipe at the bottom. A metal pipe approximately 11 centimeters (4.3 inches) in diameter extends from the top of the water tower to just above the grates. Three pipes enter the northeast side of the reservoir approximately 0.4 meters (1.31 feet) from its top. The pipes terminate open-ended inside the reservoir. The site is surrounded by sand and cobbles.

Location Description: The site is located next to the southwest leg of the water tower south of the 3711 Building.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the water tower south of the 3711 Building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states this stream was "eliminated" in 6/98. The stream is inactive and the "Source Permanently Abandoned."

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length: 1.00 Meters 3.28 Feet

Width: 1.00 Meters 3.28 Feet

Site Shape: Square

Comment: These measurements are the interior dimensions of the top of the drain.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation**Solid Waste Management Unit:** Yes**TPA Waste Management Unit Type:****Permitting**

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: When this site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute).
References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Type: Water
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: The site received sanitary water from the water tower.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date:	10/14/1998	Field Crew:	K.A. Prosser
End Date:	10/14/1998		
Purpose:	to verify site location and conditions		
Comment:	The site is surrounded by sand and cobbles.		
Site Cover:	Bare Soil		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No
Soil Texture:	Sand (>50%)		
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.		

Images:

Date Taken:	10/14/98
Pathname:	\\bhi002\esd-img\300\4146\4146_01.JPG
Description:	This is a close-up of stream #332.
Date Taken:	10/14/98
Pathname:	\\bhi002\esd-img\300\4146\4146_02.JPG
Description:	This is a photo looking down at the grate.
Date Taken:	10/14/98
Pathname:	\\bhi002\esd-img\300\4146\4146_03.JPG
Description:	This photo was taken looking north towards the 3711 Building.

Waste Site Reclassification Form

Date Submitted: 10/15/1998 Originator: Phone:	Operable Unit(s): 300-FF-2 Waste Site ID: 300-213 Type of Reclassification Action: <div style="display: flex; justify-content: space-between; align-items: center;"> <div>Rejected</div> <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>Closed-Out</div> <input type="radio"/> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div>No Action</div> <input type="radio"/> </div>	Control Number: 98- 135
--	---	--------------------------------

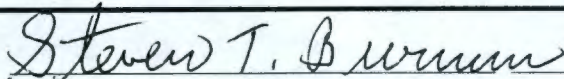
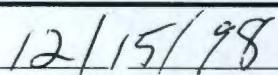




This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was a french drain that received steam condensate and overflow from a water tower. The drain has a square concrete base covered by two metal grates. The concrete base is approximately 1 meter (3.3 feet) deep. At the bottom of this reservoir is an opening approximately 11 centimeters (4.3 inches) in diameter. Inside the reservoir is a square metal plate held at an angle by two metal rods extending through the grates. Without this support, it appears as though the metal sheet would lay flat at the bottom of the reservoir and block the outlet pipe at the bottom. A metal pipe approximately 11 centimeters (4.3 inches) in diameter extends from the top of the water tower to just above the grates. Three pipes enter the northeast side of the reservoir approximately 0.4 meters (1.31 feet) from its top. The pipes terminate open-ended inside the reservoir. The site is surrounded by sand and cobbles. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #332.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states this stream was "eliminated" 6/98. The stream is inactive and the "Source Permanently Abandoned." When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). This site received steam condensate and overflow from a water tower. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

		12/15/98
DOE Project Manager	Signature	Date
		12/15/98
Ecology Project Manager	Signature	Date
		12/15/98
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-215

Site Reclassification Status: Rejected

Page 1

Site Names: 300-215, 300 Area South

Site Type: Dumping Area

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is very large and includes many different features. Much of the site is covered with vegetation such as cheatgrass and sagebrush. Two major roads cross the site: George Washington Way Extension and George Washington Way to Stevens Drive. Many old road traces exist and one major gravel road bisects the site. A gravel pit, and construction materials dumping ground are located in the north section of the site, south of the 300 Area fence, and west of the George Washington Way extension. Vestiges of irrigation canals are found throughout the site. Groundwater monitoring wells are found throughout the site. There is also a drywell (purpose unknown) in the area. Recent debris includes windblown garbage and tumbleweeds. Some older material near an irrigation canal may pre-date Hanford (e.g. porcelain china, battery cores, cans, and glass). A large diameter buried water line installed in the early 1990s is present in the southern part of the site. Underground electrical, water, and telephone lines are present on the site.

Location Description: The location and areal extent of 300-215 encompasses Stevens Drive on the west, Horn Rapids Road on the South, the Columbia River on the east, and the southern 300 Area fence line on the north.

Site Comment: This site includes the area around the 300-1 waste site, which was characterized in 1991 prior to the initial groundbreaking activities for the first Environmental Molecular Sciences Laboratory (EMSL) site location.

The decision makers (stakeholders) determined that this area would be left in the operable unit, and declared it an area that requires no further action under CERCLA.

References:

1. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
2. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.
3. 11/9/98, Field Logbook for Les Walker, EL-1488.

Dimensions:

Sq. Area: 1,518,925.0 sqMeters 16,349,556.81 sqFeet
0

Comment: The area was estimated based on using the ArcView software and the Hanford Geographic Information (HGIS) data for the entire site.

References: 1. L. A. Dietz, R. P. Prosser, 6/89, Hanford Geographic Information System (HGIS) - Database.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible

Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Construction Debris
Category: Nondangerous/nonradioactive
Physical State: Solid

Description: There is some construction debris in a dumping area. However, there does not appear to be any hazardous waste dumped in the area. Photograph #1 shows some small battery cores. This was a concern to the EPA and asked that they be picked up. As of February 9, 1999, the "Battery Cores" had been picked up and sent to the Centralized Consolidation/Recycling Center.

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.
2. Curt J. Clement, 2/9/99, New WIDS Site Information.

Field Work:

Type: Site Walkdown
Begin Date: 11/23/1998 Field Crew: L.D. Walker, D.C. Weekes
End Date: 11/24/1998
Purpose: Site verification
Site Cover: Moderate Vegetation
Site Accessible: Yes Site Found: Yes

Soil Discoloration:	No	Debris Visible:	Yes
Vegetation Type:	Sagebrush		
Soil Color:	Light Gray		
Soil Texture:	Sand/Gravel (50% Sand, 50% Gravel)		
References:	1. 11/9/98, Field Logbook for Les Walker, EL-1488.		

Images:

Date Taken: 2/3/99
Pathname: \\bhi002\esd-img\300\4185\4185_23.JPG
Description: Here is a close-up of the battery cores mentioned in the site description.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_01.JPG
Description: This photo was taken looking south over the sand and gravel pit. The pit is located to the south of the 300 Area fence and west of the George Washington Way gate to the 300 Area.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_02.JPG
Description: This photo shows a portion of black post (possibly the bottom of a telephone post?) found on the north side of the sand and gravel pit, which is south of the 300 Area fence.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_03.JPG
Description: This photo shows a mound of asphalt fragments in the sand and gravel pit located south of the 300 Area fence.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_04.JPG
Description: This photo shows a dump pile at the sand and gravel pit entrance with a construction sign on the ground. The pit is located south of the 300 Area fence.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_05.JPG
Description: This photo was taken looking north from the southwest part of the site. Survey benchmark B324 is in the foreground and Stevens Drive is on the left.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_06.JPG
Description: This photo was taken looking northwest towards the power access panels and PVC risers near the intersection of Stevens Drive and Horn Rapids Road. Stevens Drive is seen in the photo.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_07.JPG
Description: This photo was taken looking north from the top of a small mound near Horn Rapids Road. Stevens Drive is seen on the left side and the 300 Area is in the background.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_08.JPG
Description: This photo was taken looking northeast at electrical boxes north of Horn Rapids Road.

Date Taken: 11/24/98
Pathname: \\bhi002\esd-img\300\4185\4185_09.JPG

Description: This photo was taken looking north at the U. S. West access cover (1 meter in diameter) near Horn Rapids Road.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_10.JPG

Description: This photo was taken looking northeast at the cement on the ground which may be the former site of well 699-S31-E13. The hill behind the well location is an old irrigation canal.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_11.JPG

Description: This photo was taken looking northeast at the old cement-lined irrigation canal, which is located north of abandoned well 699-S31-E13.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_12.JPG

Description: This photo shows an old bucket found south of the old irrigation canal.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_13.JPG

Description: This photo was taken looking southwest at the old irrigation canal. On the left of the picture is a person at an old debris site.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_14.JPG

Description: This photo was taken looking northeast over an old debris site south of the old irrigation canal. The debris includes porcelain fragments, battery cores, various household waste, and glass jars.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_15.JPG

Description: This photo shows the old debris found south of the old irrigation canal. Objects found include porcelain fragments, old cans, and glass jars.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_16.JPG

Description: This photo was taken looking northwest at rock piles in the south part of the site.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_17.JPG

Description: This photo was taken looking north at an access panel and a buried fiber optic cable sign, which are located north of the intersection of Horn Rapids Road and "Q" Avenue.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_18.JPG

Description: This photo shows an unmarked concrete casing, 1-meter in diameter, which is filled with expanded vermiculite. The casing is covered by a steel plate lid with a handle.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_19.JPG

Description: This photo shows two PVC risers in the ground. No depth to bottom measurement was taken.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\4185\4185_20.JPG

Description: This photo was taken looking north toward gravel pit piles south of the 300 Area fence. An unmarked PVC pipe is seen in the foreground.

Date Taken: 11/24/98

Pathname:	\\bhi002\esd-img\300\4185\4185_21.JPG
Description:	This photo was taken looking south at construction debris, south of the sand and gravel pit which is located south of the 300 Area fence. The construction debris includes steel pipe, concrete, wood, and asphalt.
Date Taken:	11/24/98
Pathname:	\\bhi002\esd-img\300\4185\4185_22.JPG
Description:	This photo shows broken electrical insulators found about 100 meters east of Stevens Drive. Other insulators of the same type were also found in the area.
Date Taken:	11/24/98
Pathname:	\\bhi002\esd-img\300\4185\4185_24.JPG
Description:	This photo taken looking east at fenced area.
Date Taken:	11/24/98
Pathname:	\\bhi002\esd-img\300\4185\4185_25.JPG
Description:	This photo is a close up of cement-lined pits inside hazard area.

Waste Site Reclassification Form

Date Submitted: 12/7/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-215 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-232
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is very large and includes many different features. Much of the site is covered with vegetation such as cheatgrass and sagebrush. Two major roads cross the site: George Washington Way Extension and George Washington Way to Stevens Drive. This site includes the area around the 300-1 waste site, which was characterized in 1991 prior to the initial groundbreaking activities for the first Environmental Molecular Sciences Laboratory (EMSL) site location.

Many old road traces exist and one major gravel road bisects the site. A gravel pit, and construction materials dumping ground are located in the north section of the site, south of the 300 Area fence, and west of the George Washington Way extension. Vestiges of irrigation canals are found throughout the site. Groundwater monitoring wells are found throughout the site. There is also a drywell (purpose unknown) in the area. Recent debris includes windblown garbage and tumbleweeds. Some older material near an irrigation canal may pre-date Hanford (e.g. porcelain china, battery cores, cans, and glass). A large diameter buried water line installed in the early 1990s is present in the southern part of the site. Underground electrical, water, and telephone lines are present on the site.

Basis for reclassification:

Although there are a material dumping area containing construction and inert materials, a drywell of unknown origin or purpose, miscellaneous historical debris, and a gravel pit (borrow pit) within the defined area, there is no evidence to indicate hazardous, dangerous, or radioactive waste was disposed at this site.

<i>ST Bernum</i> DOE Project Manager	<i>St. T. Bernum</i> Signature	<i>4/27/99</i> Date
 Ecology Project Manager	 Signature	 Date
<i>David R. Finan</i> EPA Project Manager	<i>David R. Finan</i> Signature	<i>27 Jan 99</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-217

Site Reclassification Status: Rejected

Page 1

Site Names: 300-217, 300 Area Laydown Yard

Site Type: Storage

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594235.375

(N) 115496.039

Washington State Plane

Site Description: The area is currently in use as a laydown area for construction materials. Construction materials observed at the site included Connex boxes, steel pipe, ladders, steel, plastic pipe, wood pallets, insulation material, and railroad ties. Several vehicles were also stored at the site. No wood utility poles were observed and no stains were observed on the soil from temporary storage of wood utility poles. Most material is stored off the ground on racks. An electrical structure is located in the northwest part of the site. The numbers on the structure are: C3X483 on the west side, C3X481 on the north side, and C3-24 on the south side. Four access manholes are present south of the structure. Three of the manholes are 1.22 meters (4 feet) in diameter and the fourth is 0.91 meters (3 feet) in diameter. A 1.22-meter (4-foot) square concrete structure with a metal lid is present about 15.24 meters (50 feet) south of the north side fence. Well 399-04-01 is present on the northeast corner of the site. A minor amount of blown-in paper was observed. A large borrow pit is found south of the site.

Location Description: The site is located in the 300 Area, southwest of the intersection of Cypress and George Washington Way Extension.

Site Comment: This site was identified as item 8.4 on the Silver list of potential noncompliant items (Department of Energy letter 95-PCA-342). The site was added to the WIDS database on June 24, 1997, per K.L. Christensen, Ecology.

Compliance Issue Description: The butt cuts from utility poles removed as part of the electrical upgrades in the 300 Area contain treated wood that may be regulated as a dangerous waste. The wood had not been designated, therefore, it had not been determined if the 180 days allowed for management of certain treated wood had been exceeded. The laydown yard was not a permitted TSD nor was it authorized to store dangerous waste under interim status.

Basis for Close Out: Washington Administrative Code (WAC) 173-303-071 (3)(g)(ii) allows wood treated preservatives to be disposed at a permitted solid waste landfill provided the disposal takes place within 180 days after becoming waste and provided that the wood is not a listed waste or a TCLP waste.

Resolution: The treated wood was removed from the laydown yard and was shipped to a permitted solid waste landfill by the end of March 1996. Currently, nonpermitted storage is not occurring. Ecology has concerns about "process knowledge" used to designate the treated wood that will be addressed separately. The 300 Area laydown yard was added to WIDS for investigation under corrective action for any potential wood treatment residues. See Section on Cleanup Activities.

Cleanup Activities: The treated wood was removed from the laydown yard and shipped to a permitted solid waste landfill in March 1996. There is no knowledge of wood preservative to have been released to the ground during temporary storage and a visual site inspection on July 28, 1997 did not reveal any stains on the soil from temporary storage of treated wood.

References:

1. 5/28/97, Close out form, Environmental Compliance Issues identified in DOE/RL Letter 95-PCA-342 Dated July 6, 1995.
2. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Dimensions:

Length:	90.00 Meters	295.28 Feet
Width:	70.00 Meters	229.66 Feet

Site Shape: Rectangle

Comment: ArcView was used to estimate dimensions.

References: 1. L. A. Dietz, R. P. Prosser, 6/89, Hanford Geographic Information System (HGIS) - Database.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No
Air Operating Permit Number(s):	

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Equipment

Category: Nondangerous/nonradioactive

Description: There is no waste at this site. Waste that had been a concern to Ecology had been removed prior to the time that the site was entered into WIDS.

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Field Work:**Type:** Site Walkdown**Begin Date:** 07/28/1997**Field Crew:** T. F. Johnson**End Date:** 07/28/1997**Purpose:** Initial Review

Comment: The area is currently in use as a laydown area for construction materials. Construction materials observed at the site included steel, plastic pipe, wood pallets and insulation material. No wood utility poles were observed and no stains were observed on the soil from temporary storage of wood utility poles.

Site Cover:**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: Site Walkdown**Begin Date:** 11/09/1998**Field Crew:** D. C. Weekes, K. Prosser, L. Walker**End Date:** 11/09/1998**Purpose:** Verification**Site Cover:** Gravel or Rock**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** Yes**Vegetation Type:** Disturbed**Soil Color:** Dark Brown**Soil Texture:** Sand/Gravel (50% Sand, 50% Gravel)

Comment: Confirmed that the site is used as a laydown area and took several photographs.

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Images:**Date Taken:** 7/28/97**Pathname:** \\bhi002\esd-img\300\4187\4187_01.JPG**Description:****Date Taken:** 7/28/97**Pathname:** \\bhi002\esd-img\300\4187\4187_02.JPG**Description:****Date Taken:** 7/28/97**Pathname:** \\bhi002\esd-img\300\4187\4187_03.JPG**Description:****Date Taken:** 11/9/98**Pathname:** \\bhi002\esd-img\300\4187\4187_04.JPG

Description: This photo was taken looking north-northeast from the southern end of the site.

Date Taken: 11/9/98

Pathname:	\\bhi002\esd-img\300\4187\4187_05.JPG
Description:	This photo was taken looking north from the south end of the site.
Date Taken:	11/9/98
Pathname:	\\bhi002\esd-img\300\4187\4187_06.JPG
Description:	This photo was taken looking northwest from the south end of the site.
Date Taken:	11/9/98
Pathname:	\\bhi002\esd-img\300\4187\4187_07.JPG
Description:	This photo shows the metal structure found on the south end of the site.
Date Taken:	11/9/98
Pathname:	\\bhi002\esd-img\300\4187\4187_08.JPG
Description:	This photo shows the electrical structure and manhole access at the northern end of the site.
Date Taken:	11/9/98
Pathname:	\\bhi002\esd-img\300\4187\4187_09.JPG
Description:	This photo shows an unmarked square access on the north side of the site.
Date Taken:	11/9/98
Pathname:	\\bhi002\esd-img\300\4187\4187_10.JPG
Description:	This photo shows well 399-04-01 located on the northeast corner of the site.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Discovery Site ID Number: 4187

Site Alias(es): 300-217, 300 Area Laydown Yard

Waste Management Unit

☐

Not a Waste Management Unit

☒

More Information Needed

☐

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA) and should be entered into WIDS. (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES

NO

☐☒

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under Section 3004(u) of RCRA.

- 2.a. Is the material at the unit a waste? (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas) y ☐ n ☒

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

- 2.b. Is the waste from historical residential activities? (i.e., not from industrial, commercial, mining, agricultural, or community activities) y ☐ n ☒

- 2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act? (i.e., National Pollutant Discharge Elimination System permit) y ☐ n ☒

- 2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☒

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,

- 2.e. Was the waste placed in a discernable unit? (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit) y ☐ n ☒

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

- 2.f. Is the unit the result of routine and systematic discharges? (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.) y ☐ n ☒

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact? (e.g., radioactive waste disposal units, pre-RCRA units) y <input type="radio"/> n <input checked="" type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment? (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact? (e.g., radioactive waste storage unit)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>

Comments: The treated wood was removed from the laydown yard and shipped to a permitted solid waste landfill in March 1996. There is no knowledge of wood preservative to have been released to the ground during temporary storage and a visual site inspection on 7/28/97 did not reveal any stains on the soil from temporary storage of treated wood.

Timothy D. Johnson
ERC Data Management Investigator

7/31/97
Date

Joseph P. Zanic
Regulatory Compliance Concurrence

7/31/97
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001

Steve T. Brennan
DOE-RL Concurrence

1/27/99
Date

David R. Gini
Lead Regulatory Agency Concurrence

27 Jan 99
Date

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-217	1/14/1999
Site Alias(es):	300-217, 300 Area Laydown Yard	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ☒ n ☐

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ☐ n ☒

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ☐ n ☒

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☒

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ☒ n ☐

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ☐ n ☐

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

YES	NO
<input checked="" type="radio"/>	<input type="radio"/>

Site Code: 300-217

1/14/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	<input type="radio"/>	<input checked="" type="radio"/>
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
5.	Is the unit an inactive, contaminated structure?	YES	NO
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO

Comments: The treated wood was removed from the laydown yard and shipped to a permitted solid waste landfill in March 1996. There is no knowledge of wood preservative to have been released to the ground during temporary storage and a visual site inspection on 7/28/97 did not reveal any stains on the soil from temporary storage of treated wood.

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-220

Site Classification: Rejected

Page 1

Site Names: 300-220, Gravel Pit #7

Site Type: Depression/Pit (nonspecific)

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593749.688

(N) 116815.109

Washington State Plane

Site Description: The site is a manmade depression identified as Gravel Pit #7. The surface consists of sand and gravel with some cobbles, and a light vegetation cover of bunch grass and small sage. Trace fragments of concrete and asphalt can be found along the depression margins. Although it is included in the general radiologically controlled area north of the 300 Area, there are no site specific radiological postings.

Location Description: Gravel pit #7 is located north of 300 Area, northeast of the railroad tracks.

Associated Structures: The pit is related to Aluminum Shavings Area (Site Code 300-8).

Site Comment: The pit was used as a source of sand and dirt for backfill material. The use of the pit was discontinued because the area surrounding the pit was found to be contaminated. A large radiologically controlled area was posted north of 300 Area that included Pit #7.

References:

1. T.R. Hendrix, 12/17/87, Internal Memo: Hanford Site Gravel Pits, 55420-87-109.
2. CR Webb, 9/18/97, Interview with Russel R. Knight (Rusty) related to the status of the Hanford Gravel Pits.
3. 11/9/98, Field Logbook for Les Walker, EL-1488.

Dimensions:

Sq. Area: 8,318.00 sqMeters 89,534.12 sqFeet

Site Shape: Irregular

Comment: The area is based on ArcInfo coverage created from GPS survey data.

References: 1. L. A. Dietz, R. P. Prosser, 6/89, Hanford Geographic Information System (HGIS) - Database.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No

TSD Number:

Septic Permit:

No

Air Operating Permit: No

Inert Landfill:

No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: GPS Surveys

Begin Date: 08/05/1997

Field Crew: K.A. Prosser, T.F. Johnson

End Date: 08/13/1997

Data Repository: HGIS

Purpose: Mapping

Comment: The reference for this task is an electronic file found under \\BHI002\hgis-gps\job-114.

Job Number: 114

Type: Post-Processed Kinematic

References:

Type: Site Walkdown

Begin Date: 11/09/1998

Field Crew: L.D. Walker, D.C. Weekes

End Date: 11/09/1998

Purpose: verification

Site Cover: Sparse Vegetation

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: Yes

Vegetation Type: Bunchgrasses

Soil Color: Light Gray

Soil Texture: Sand/Gravel (50% Sand, 50% Gravel)

Comment: Trace of concrete and asphalt fragments seen along the margins of the depression, but no recent debris.

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Images:

Date Taken: 11/9/98

Pathname: \\bhi002\esd-img\300\4224\4224_01.JPG

Description: This is an overview of the site, looking to the east.

Date Taken: 11/9/98

Pathname: \\bhi002\esd-img\300\4224\4224_02.JPG

Description: This is a view to the northeast over the site.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-220

1/25/1999

Site Alias(es): 300-220, Gravel Pit #7

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ☐ n ☒

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ☐ n ☐

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ☐ n ☐

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☐

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ☐ n ☐

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ☐ n ☐

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

YES	NO
<input type="radio"/>	<input checked="" type="radio"/>

Site Code: 300-220

1/25/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
5.	Is the unit an inactive, contaminated structure?	YES	NO
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO

Comments: The pit was located within a large radiologically controlled area. When the Global Positioning Survey was done in August 1997, the portion of the radiological area surrounding Pit #7 had been removed.

ERO Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

5/25/1999

Site Code: 300-225

Site Classification: Rejected

Page 1

Site Names: 300-225, 3790 Building Stormwater Runoff, Miscellaneous Stream #767

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 583593.562

(N) 140366.125

Washington State Plane

Site Description: The site is a drain that received stormwater. It is located at the bottom of a stairwell that is covered with a corrugated metal roof. The drain is covered with a 0.30 meter (1.00 foot) metal grate and is surrounded by concrete.

Location Description: The site is located on the east side of the 3790 Building at the bottom of the stairwell. The entrance to the stairwell is located on the east side of a fence.

Associated Structures: This site is associated with the 3790 building.

Site Comment: According to the Inventory of Miscellaneous Streams, Revision 3, this stream was "deleted" in September 1997. It discharges to miscellaneous stream #378 (WIDS Site 300-204). No standing water was visible on a 10/1/98 visit.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.30 Meters 1.00 Feet

Site Shape: Circle

Comment: This measurement is for the grate.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 Confirmed By Program:
DOE Division: SID - Site Infrastructure Division
Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: This stream discharges to stream #378

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 04/16/1998

Field Crew: Tim Johnson

End Date: 04/16/1998

Purpose: Site description

References: 1. T.F. Johnson, 10/24/96, Site Investigation Logbook, EL-1336.

Type: Site Walkdown

Begin Date: 10/01/1998

Field Crew: K.A. Prosser, L. Dietz, C. Webb, S.
Bumum

End Date: 10/01/1998

Purpose: verify site conditions

Site Cover: Concrete

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:**Date Taken:** 4/16/98**Pathname:** \\bhi002\esd-img\300\4275\4275_01.JPG**Description:** This photo shows the french drain at the bottom of the 3790 east stairwell.**Date Taken:** 10/1/98**Pathname:** \\bhi002\esd-img\300\4275\4275_02.JPG**Description:** This photo shows the covered stairwell on the east side of the 3790 Bldg. The drain is at the bottom of the stairwell.**Date Taken:** 10/1/98**Pathname:** \\bhi002\esd-img\300\4275\4275_03.JPG**Description:** This photo shows a close up of the drain at the bottom of the covered stairwell on the east side of the 3790 Bldg.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-225

5/14/1999

Site Alias(es): 300-225, 3790 Building Stormwater Runoff, Miscellaneous Stream #767

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
<p>2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.</p>	<input type="radio"/>	<input type="radio"/>
<p>2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input type="radio"/></p> <p>IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.</p>		
<p>2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/></p>		
<p>2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/></p>		
<p>2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/></p> <p>A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.</p>		
<p>2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.</p>		
<p>2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>		

Site Code: 300-225

5/14/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments:

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-226

Site Reclassification Status: Rejected

Page 1

Site Names: 300-226, 3709A Building Miscellaneous Stream #768, Drip Station U39

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593717

(N) 115738

Washington State Plane

Site Description: The site is covered with a 147-centimeter (58-inch) diameter steel plate. There are four holes in the cover. The drain structure is slightly elevated from the surrounding ground surface. The site is labeled "U-39" and is posted as a "Confined Space."

Location Description: The site is located off the southeast corner of the 3709A Building.

Process Description: The site is a drip station for the underground steam line that supplies steam for the 3709A Building. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site was associated with 3709A Building.

Site Comment: The "Inventory of Miscellaneous Streams", Revision 3, lists the source as abandoned.

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.
 2. 5/17/50, 300 Area Outside Lines Steam and Air, M-3800, Sht 5.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
 4. T.F. Johnson, 10/24/96, Site Investigation Logbook, EL-1336.

Dimensions:

Depth / Height: 1.83 Meters 6.00 Feet

Diameter: 1.47 Meters 4.83 Feet

Site Shape: Circle

References: 1. 5/96, 300 Area S&WUO PIT DEVELOPMENT P & ID, H-3-60706, Sht 13, Rev 2.

Regulatory information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program:

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

Site Code: 300-226

Site Reclassification Status: Rejected

Page 2

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: According to the "Inventory of Miscellaneous Streams," Revision 2, the flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate.

References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 04/21/1998

Field Crew: T. F. Johnson

End Date: 04/21/1998

Purpose: Site Description

Comment: The site is covered with a 147-centimeter (58-inch) diameter steel plate. There are four holes in the cover. The drain structure is slightly elevated from the surrounding ground surface. The site is labeled "U-39" and is posted as a "Confined Space."

References: 1. T.F. Johnson, 10/24/96, Site Investigation Logbook, EL-1336.

Type: GPS Surveys

Begin Date: 05/18/1998

Field Crew: T. F. Johnson

End Date: 05/18/1998

Data Repository: HGIS

Purpose: location
Comment: Easting 593719.603, Northing 115738.028, Elevation 120.697
Job Number: 164
Type: Real-Time Kinematic
References:

Type: Site Walkdown
Begin Date: 10/09/1998 **Field Crew:** CR Webb
End Date: 10/09/1998
Purpose: Verification
Comment: The site has a heavy metal lid that is marked Confined Space.
Site Cover: Bare Soil
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.

Images:

Date Taken: 4/21/98
Pathname: \\bhi002\esd-img\300\4276\4276_01.JPG
Description: This photo shows the drip station southeast of the 3709A building.

Date Taken: 10/9/98
Pathname: \\bhi002\esd-img\300\4276\4276_02.JPG
Description: This photo shows the southeast corner of 3709A. The 147 centimeter (58 inch) diameter drain is in the foreground.

Date Taken: 10/9/98
Pathname: \\bhi002\esd-img\300\4276\4276_03.JPG
Description: This photo shows the 147 centimeter (58 inch) diameter drain with a metal cover. It is labeled U-39 and Confined Space.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-226 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-096
---	---	-------------------------------

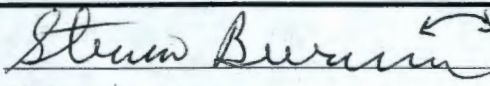
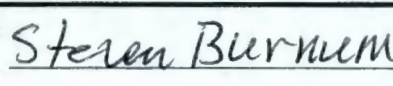

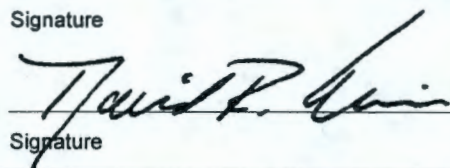
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a 1.47 meter (58 inch) diameter drain with a heavy metal cover. There are four holes in the cover. The drain is slightly higher than the surrounding grade. It is labeled U-39 and Confined Space. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #768.

Basis for reclassification:

The "Inventory of Miscellaneous Streams", Revision 3, lists the site as inactive, source abandoned. The flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

 DOE Project Manager	 Signature	5/26/1999 Date
 EPA Project Manager	 Signature	5/26/99 Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-227

Site Reclassification Status: Rejected

Page 1

Site Names: 300-227, 3709A Building Miscellaneous Stream #769, Drip Station U38

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593717

(N) 115772

Washington State Plane

Site Description: The site is covered with a 147-centimeter (58-inch) diameter steel plate. There are four holes in the cover. The site is labeled "U-38" and is posted as a "Confined Space." It is flush with the surrounding ground in the lawn at 3709-A.

Location Description: The site is located off the northeast corner of the 3709A Building.

Process Description: The site is a drip station for the underground steam line that supplies steam for the 3709A Building. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Site Comment: The "Inventory of Miscellaneous Streams", Revision 3, lists the source as abandoned.

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 5/17/50, 300 Area Outside Lines Steam and Air, M-3800, Sht 5.
 4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Depth / Height: 1.37 Meters 4.50 Feet

Diameter: 1.49 Meters 4.90 Feet

Site Shape: Circle

References: 1. 5/96, 300 Area S&WUO PIT DEVELOPMENT P & ID, H-3-60706, Sht 13, Rev 2.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program:

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit:

No

RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid

Description: According to the "Inventory of Miscellaneous Streams," Revision 2, the flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate.

References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: GPS Surveys
Begin Date: 05/14/1998 Field Crew: T. F. Johnson
End Date: 05/14/1998 Data Repository: HGIS
Purpose: location
Comment: Easting 593720.886, Northing 115777.797, Elevation 121.895
Job Number: 164
Type: Real-Time Kinematic
References:

Type: Site Walkdown
Begin Date: 10/09/1998 Field Crew: CR Webb
End Date: 10/09/1998

Purpose: Verification**Comment:** The site has a heavy metal lid that is marked Confined Space.**Site Cover:** Moderate Vegetation**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No**References:** 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.**Images:****Date Taken:** 4/29/98**Pathname:** \\bhi002\esd-img\300\4277\4277_01.JPG**Description:** This photo shows Miscellaneous Stream #769, drip station U-38 on steam line to 3709A.**Date Taken:** 10/9/98**Pathname:** \\bhi002\esd-img\300\4277\4277_02.JPG**Description:** This photo shows the northeast corner of 3709A. The drain is in the lawn, in the foreground.**Date Taken:** 10/9/98**Pathname:** \\bhi002\esd-img\300\4277\4277_03.JPG**Description:** This photo shows the 147 centimeter (58 inch) diameter drain with a metal cover. It is labeled U-38 and Confined Space.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-227 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-097
---	---	-------------------------------

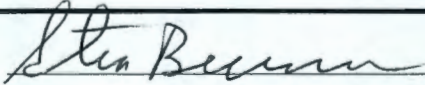
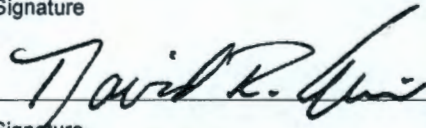
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a 1.47 meter (58 inch) diameter drain with a heavy metal cover. There are four holes in the cover. The drain is flush with the ground surface in the lawn at 3709-A. It is labeled U-38 and Confined Space. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #769.

Basis for reclassification:

The "Inventory of Miscellaneous Streams", Revision 3, lists the site as inactive, source abandoned. The flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Steven Burnum DOE Project Manager	 Signature	5/26/1999 Date
Ecology Project Manager	Signature	Date
David R. Finan EPA Project Manager	 Signature	5/26/99 Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-228

Site Reclassification Status: Rejected

Page 1

Site Names: 300-228, Miscellaneous Stream #770, Drip Station U28, Steam Trap 3G-U28, HPD-TRP-026

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593748

(N) 115772

Washington State Plane

Site Description: The site is a french drain that received steam condensate. The drain is a concrete pipe covered with a 1.47 meter (4.28 foot) diameter perforated metal plate. The lid is labeled "U-28" and is posted "Danger, Limited Access/Confined Space." The top of the pipe appears to be flush with the ground surface. The site is located on a low rise relative to the surrounding area and is surrounded by sand and gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located west/northwest of the northwest corner of the 3760 Building.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is a drip station for the underground steam line that supplies steam for the 3709A Building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 5/17/50, 300 Area Outside Lines Steam and Air, M-3800, Sht 5.
 4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Site Hazards:

Hazard Type: Physical

Status: Verified

Date: 12/15/98

Description: Confined Space

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Dimensions:

Depth / Height: 1.83 Meters 6.00 Feet

Diameter: 1.49 Meters 4.90 Feet

References: 1. 5/96, 300 Area S&WUO PIT DEVELOPMENT P & ID, H-3-60706, Sht 11, Rev 2.

Diameter: 1.47 Meters 4.82 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

Programmatic Responsibility

DOE Program: EM-70 Confirmed By Program:
DOE Division: SID - Site Infrastructure Division
Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the "Inventory of Miscellaneous Streams," Revision 2, the flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate.
References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.

Field Work:

Type: GPS Surveys
Begin Date: 05/14/1998 Field Crew: T. F. Johnson

End Date: 05/14/1998 **Data Repository:** HGIS
Purpose: location
Comment: Easting 593770.805, Northing 115783.300, Elevation 120.883
References:

Type: Site Walkdown
Begin Date: 12/15/1998 **Field Crew:** K.A. Prosser
End Date: 12/15/1998
Purpose: to verify site location and conditions
Site Cover: Bare Soil
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
Soil Texture: Sand/Gravel (50% Sand, 50% Gravel)
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 4/29/98
Pathname: \\bhi002\esd-img\300\4278\4278_01.JPG
Description: This photo shows Miscellaneous stream #770, drip station U28 on steam line leading to 3709A building.

Date Taken: 12/15/98
Pathname: \\bhi002\esd-img\300\4278\4278_02.JPG
Description: This photo shows a close-up of stream #770.

Date Taken: 12/15/98
Pathname: \\bhi002\esd-img\300\4278\4278_03.JPG
Description: This digital photo was taken looking east/southeast towards the northwest corner of the 3760 Building and 323-BA, a Johnson Controls, Inc., boiler annex. The site is in the foreground.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-228 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-247
---	---	-------------------------------

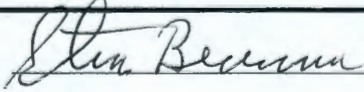
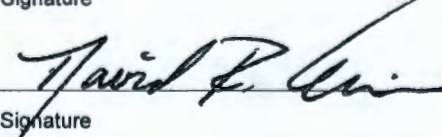
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a french drain that received steam condensate. The drain is a concrete pipe covered with a 1.47 meter (4.28 foot) diameter perforated metal plate. The lid is labeled "U-28" and is posted "Danger, Limited Access/Confined Space." The top of the pipe appears to be flush with the ground surface. The site is located on a low rise relative to the surrounding area and is surrounded by sand and gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #770.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off. The flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Steven Buernum DOE Project Manager	 Signature	5/26/1999 Date
Ecology Project Manager	Signature	Date
David R. Einar EPA Project Manager	 Signature	5/26/99 Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code:	300-230	Site Reclassification Status:	Rejected	Page	1
Site Names:	300-230, Steam Trap 3G-U44, HPD-TRP-29, U44, Miscellaneous Stream #771				
Site Type:	Valve Pit	Start Date:			
Status:	Inactive	End Date:			
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	593688		
		(N)	115863		
		Washington State Plane			
Site Description:	The site is covered with a 173-centimeter (68-inch) diameter diamond plate steel cover. A square access hatch is located in the center of the cover. The below grade section is constructed of concrete with a dirt floor. The interior of the pit contains valves which released steam condensate to the floor. The site is labeled "U-44" and is posted as a "Confined Space."				
Location Description:	The site is located near the southeast corner of the the 3746 Building.				
Process Description:	Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion.				
Site Comment:	The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off.				

- References:**
1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 2. 5/9/50, 300 AREA OUTSIDE LINES STEAM AND AIR SECTION 6, M-3800, Sht 6.
 3. 5/96, 300 Area S&WUO PIT DEVELOPMENT P & ID, H-3-60706, Sht 13, Rev 2.
 4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
 5. T.F. Johnson, 10/24/96, Site Investigation Logbook, EL-1336.

Site Hazards:

Hazard Type:	Physical	Status:	Posted	Date:	6/9/98
Description:	Confined Space				
References:	1. T.F. Johnson, 10/24/96, Site Investigation Logbook, EL-1336.				

Dimensions:

Depth / Height:	1.22 Meters	4.00 Feet
Diameter:	1.73 Meters	5.66 Feet
Site Shape:	Circle	

References: 1. T.F. Johnson, 10/24/96, Site Investigation Logbook, EL-1336.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	Confirmed By Program:	
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:			

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: Septic Permit: No

Air Operating Permit: No Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: Steam condensate was discharged to the floor of the pit. According to the "Inventory of Miscellaneous Streams," Revision 2, the flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate.

References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 06/09/1998

Field Crew: Tim Johnson

End Date: 06/09/1998

Purpose: Site description

Comment: The site is covered with a 173-centimeter (68-inch) diameter diamond plate steel cover with a hatch cover. The below grade section is constructed of concrete. The interior of the pit contains valves which released steam condensate to the french drain. The site is labeled "U-44" and is posted as a "Confined Space."

Site Cover: Bare Soil**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No**References:** 1. T.F. Johnson, 10/24/96, Site Investigation Logbook, EL-1336.**Images:****Date Taken:** 6/9/98**Pathname:** \\bhi002\esd-img\300\4282\4282_01.JPG**Description:** This photo shows the Steam Trap U-44.**Date Taken:** 6/9/98**Pathname:** \\bhi002\esd-img\300\4282\4282_02.JPG**Description:** This photo shows the interior of steam trap U-44.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-230 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-040
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is covered with a 147-centimeter (58-inch) diameter steel plate. There are four holes in the cover. The drain structure is slightly elevated from the surrounding ground surface. The site is labeled "U-39" and is posted as a "Confined Space." The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #771.

Basis for reclassification:

The flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion. The source steam has been eliminated.

<u>Steven Burnum</u> DOE Project Manager	<u>Steven Burnum</u> Signature	<u>5/26/1999</u> Date
<u>David R. Eison</u> EPA Project Manager	<u>David R. Eison</u> Signature	<u>5/26/99</u> Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-231

Site Reclassification Status: Closed Out

Page 1

Site Names: 300-231, Vitrification Test Site Transformer Pad, Substation C3-S15

Site Type: Electrical Substation

Start Date: 1983

Status: Inactive

End Date: 1999

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593330.562

(N) 116346.969

Washington State Plane

Site Description: The site was a transformer station connected to a 13.8 KVA overhead powerline. The transformers have been removed. The transformers were used to provide electricity for in-situ vitrification tests at the 300 Vitrification Test Site (300 VTS), a separate WIDS site.

The transformers were located on a concrete pad and enclosed by a chain link fence. The transformers were numbered as follows: transformer #C4804P, serial #81439, property #F176743; transformer #C4805P, serial #81441, property #176744; transformer #C4648P, serial #80097, property #176745. The transformers were single phase 200 KVA. The primary voltage for each of the transformers was 14400 and secondary voltage was 240/480. Each transformer weighed 544 kilograms (1200 pounds). Electric fluid capacity was 492.1 liters (130 gallons) and the fluid type was mineral oil.

Location Description: The transformer pad is located in the southeast corner of the 300 Vitrification Test Site, west of Route Four South, across from the 300 Area.

Process Description: In-situ vitrification (ISV) was a thermal treatment process that converted contaminated soils and sludges into a glass and crystalline product. An electrical current was passed among an array of four electrodes imbedded in the contaminated soil or sludge, melting and glassifying it.

Associated Structures: The transformer pad was related to the 300 Vitrification Test Site (300 VTS) and the associated Thermal Treatment and Test Facilities (TTTF).

Site Comment: History - Transformer #C4804P
05/26/87 - Oil leaks coming from the primary and secondary bushings, oil level gauge, and lower drain valves were repaired.
04/29/93 - Seepage from the bushings, oil level gauge, and top cover gasket was cleaned up. The line crew cleaned up all contaminated areas on the exterior of the transformer. Proper protective clothing was worn during the work activities. The double wash/rinse procedure was used. Cleanup was complete within the 48 hour rule for cleanup of PCB (polychlorinated biphenyl) spills.

History - Transformer #C4805P
05/26/87 - A leaking oil gauge was removed. The gland nuts on the lower drain valve were tightened.
04/29/93 - There was seepage from the drain valves, the top cover gasket, and the oil level plug. Proper protective clothing was worn and the cleanup was done using the double wash/rinse procedure. All waste was taken to the 212-P facility. This action meets the requirements of the 48 hour rule for cleanup of PCB spills.

History - Transformer #C4648P
05/26/87 - Removed leaking oil gauge and plugged opening. The packing nut on the lower drain valve was torqued. The top cover was tightened. The external surfaces of the transformer were cleaned.
04/29/91 - There was seepage from the drain valve and top cover gasket area. The leak was to the transformer external surfaces only. Proper protective clothing was worn at all times during the cleanup activities. The crew used the double wash/rinse procedure to complete the cleaning. Electrical Utilities Maintenance was to schedule an outage for complete repair of this unit within the next few days.
04/28/93 - There was seepage from the drain valve and the top cover gasket. Oil was leaking to the exterior of the transformer. An outage was scheduled for 04/29/93 to complete repairs.

The installation date for the transformer pad is assumed to be 1983, the same as the start date for the 300 VTS.

Cleanup Activities: As of 5/13/1999, the transformers had been disconnected and removed from the site. The enclosure associated with the transformers is empty, and the concrete pad is clean.

Release Description: The operating records for the transformers document releases of transformer oil to the exteriors of the units (see Site Comment). The records do not document any releases to the transformer pad or the surrounding soil

Environmental Monitoring Description: All transformers are on quarterly preventive maintenance recall that includes visual inspection for leaks by the Hanford Site Electrical Utilities Maintenance organization. Any leaks are recorded in the Automated Mapping/Facilities Management (AM/FM) database. This database indicates that Transformer #C4804P was sampled on 8/18/1986 and contained 98 part per million of PCB (sample number 2185). Transformer #C4805P was sampled on 8/18/1986 and contained 90 part per million of PCB (sample number 2184). Transformer #C4648P was sampled on 8/18/1986 and contained 92 part per million of PCB (sample number 2186). The electronic record of the preventive maintenance inspection is maintained by Eugene Lamm (Electrical Utilities Maintenance).

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. Electrical Utilities Maintenance - Eugene Lamm, 7/14/98, Electrical Utilities Transformer Datasheet - Transformer #C4648P.
3. Electrical Utilities Maintenance - Eugene Lamm, 7/14/98, Electrical Utilities Transformer Datasheet - Transformer #C4805P.
4. Electrical Utilities Maintenance - Eugene Lamm, 7/14/98, Electrical Utilities Transformer Datasheet - Transformer #C4804P.
5. John D. Bumgardner, 5/13/99, ISV Transformer WIDS Site.

Dimensions:

Length: 11.00 Meters 36.09 Feet

Width: 7.60 Meters 24.93 Feet

Site Shape: Rectangle

Comment: These measurements are for the fence surrounding the site. These dimensions were acquired using ArcView and the HGIS database (1997 flyover data).

References: 1. L. A. Dietz, R. P. Prosser, 6/89, Hanford Geographic Information System (HGIS) - Database.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-70

Confirmed By Program:

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit: No **NPDES:** No

Closure Plan: No **State Waste Discharge Permit:** No

TSD Number: **Septic Permit:** No

Air Operating Permit: No **Inert Landfill:** No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: Toxic Substances Control Act (TSCA)
TPA Appendix: Other

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Transformer
Category: Hazardous/Dangerous
Physical State: Solid and Liquid

Description: The transformers have been removed (5/13/1999). The concrete pad and the surrounding soils are clean. The only remaining waste is the abandoned concrete pad and fence.

Historical data showed that all three transformers were sampled for polychlorinated biphenyls (PCBs) on 8/18/86. Analysis on C4804P indicated 98 parts per million of PCB. Analysis on C4805P indicated 90 parts per million of PCB. Analysis on C4648P indicated 92 parts per million of PCB.

References:

1. Electrical Utilities Maintenance - Eugene Lamm, 7/14/98, Electrical Utilities Transformer Datasheet - Transformer #C4648P.
2. Electrical Utilities Maintenance - Eugene Lamm, 7/14/98, Electrical Utilities Transformer Datasheet - Transformer #C4805P.
3. Electrical Utilities Maintenance - Eugene Lamm, 7/14/98, Electrical Utilities Transformer Datasheet - Transformer #C4804P.
4. John D. Bumgardner, 5/13/99, ISV Transformer WIDS Site.

Field Work:

Type: Site Walkdown
Begin Date: 07/29/1998 **Field Crew:** Mike Schwab, Kathy Prosser
End Date: 07/29/1998
Purpose: Discovery Site Investigation
Comment: The transformer pad was walked down as part of the 300 Vitrification Test Site (300 VTS) site investigation.
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 7/29/98
Pathname: \\bhi002\esd-img\300\4315\4315_01.JPG
Description: This digital photo shows the transformers and the substation sign, "Substation C3-S15".

Date Taken:	7/29/98
Pathname:	\\bhi002\esd-img\300\4315\4315_02.JPG
Description:	This digital photo shows transformers #C4804P and #C4805P.
Date Taken:	7/29/98
Pathname:	\\bhi002\esd-img\300\4315\4315_03.JPG
Description:	This closeup photo shows transformer #C4648P and related electrical conduit.
Date Taken:	7/29/98
Pathname:	\\bhi002\esd-img\300\4315\4315_04.JPG
Description:	This photo shows a large circuit box located outside the fence.
Date Taken:	7/29/98
Pathname:	\\bhi002\esd-img\300\4315\4315_05.JPG
Description:	This photo shows the entire site and the overhead lines that connect to it.
Date Taken:	5/19/99
Pathname:	\\bhi002\esd-img\300\4315\4315_06.JPG
Description:	The photo shows the transformer pad. The transformers have been removed. There is no staining (evidence of a release) on the pad or on the surrounding soil.
Date Taken:	5/19/99
Pathname:	\\bhi002\esd-img\300\4315\4315_07.JPG
Description:	The photo shows the transformer pad. The transformers have been removed. There is no staining (evidence of a release) on the pad or on the surrounding soil.
Date Taken:	5/19/99
Pathname:	\\bhi002\esd-img\300\4315\4315_08.JPG
Description:	The photo shows the transformer pad. The transformers have been removed. There is no staining (evidence of a release) on the pad or on the surrounding soil.
Date Taken:	5/19/99
Pathname:	\\bhi002\esd-img\300\4315\4315_09.JPG
Description:	The photo shows the transformer pad. The transformers have been removed. There is no staining (evidence of a release) on the pad or on the surrounding soil.
Date Taken:	5/19/99
Pathname:	\\bhi002\esd-img\300\4315\4315_10.JPG
Description:	The photo shows the entire substation area.
Date Taken:	5/19/99
Pathname:	\\bhi002\esd-img\300\4315\4315_11.JPG
Description:	The photo is a closeup of the substation sign. The photo is fuzzy, but the sign is readable.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-231 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 99-038
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was a transformer station connected to a 13.8 KVA overhead powerline. The transformers (3) were used to provide electricity for in-situ vitrification tests at the 300 Vitrification Test Site (300 VTS), a separate WIDS site. Dielectric fluid capacity was 492.1 liters (130 gallons) and the fluid type was mineral oil. Sampling performed in 1986 for polychlorinated biphenyls (PCBs) indicated PCB levels in the range of 90-98 parts per million.

Basis for reclassification:

The transformers were disconnected and removed (May 1999). The concrete pad and surrounding soil appear to be clean. Available maintenance records document releases to the exterior of the transformers. The records indicate that leaks were cleaned up before they reached the pad and the soil. No final sampling of the pad or the surrounding soil was performed.

<u>Steven Burnum</u> DOE Project Manager	<u>Steven Burnum</u> Signature	<u>5/26/1999</u> Date
<u>David R. Einar</u> EPA Project Manager	<u>David R. Einar</u> Signature	<u>5/26/99</u> Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-235

Site Reclassification Status: Rejected

Page 1

Site Names: 300-235, 3713 Building Storm Water Runoff and Steam Condensate, Miscellaneous Stream #766

Site Type: French Drain

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a french drain that currently receives only stormwater. The drain is a concrete pipe that is covered by a 0.76 meter (2.49 foot) metal lid with perforations. The top of the pipe is flush with the ground surface and is surrounded by soil and gravel. The drain appears to be filled with soil to within approximately 0.7 meters (2.3 feet) of the top of the pipe. The upper 0.45 meters (1.5 feet) of the concrete pipe appear to be lined with some kind of a metal that is pulling away from the pipe. At least two, possibly three, metal pipes were observed extending into the side of the drain from the west. A small diameter (approximately 2.5 centimeters or 1 inch) pipe enters the side of the drain, makes a 90 degree turn and disappears into the floor of the drain. An approximately 5 centimeter (2 inch) open end pipe extends approximately 5 centimeters (2 inches) from the side of the drain. What appears to be a third pipe is covered with cobwebs that could not safely be removed. There are no pipes descending from the overhead steam line in the vicinity of the site. According to the "Inventory of Miscellaneous Streams," Revision 3, the steam source has been shut off.

Location Description: The site is located approximately 9 meters (29.5 feet) northeast of the northwest corner of the 3713 Building, under the overhead steam line.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the 3713 Building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states the steam source has been shut off.

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.76 Meters 2.49 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program:

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4510
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the "Inventory of Miscellaneous Streams," Revision 3, the flow is less than 3.8 liters (1.0 gallons) per minute of stormwater only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the "Inventory of Miscellaneous Streams," Revision 2, the flow was less than 3.8 liters (1.0 gallons) per minute of nonhazardous/nonradioactive steam condensate. The site no longer receives steam condensate.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Site Code: 300-235
Type:

Site Walkdown

Site Reclassification Status: Rejected

Page 3

Begin Date:	10/06/1998	Field Crew:	K.A. Prosser
End Date:	10/06/1998		
Purpose:	to verify site location and conditions		
Site Cover:	Gravel or Rock		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No
Soil Texture:	Sand/Gravel (50% Sand, 50% Gravel)		
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.		

Images:

Date Taken:	10/6/98
Pathname:	\\bhi002\esd-img\300\4331\4331_01.JPG
Description:	This photo shows a close-up of stream #766.
Date Taken:	10/6/98
Pathname:	\\bhi002\esd-img\300\4331\4331_02.JPG
Description:	This photo was taken looking south towards the northwest corner of 3713.
Date Taken:	10/6/98
Pathname:	\\bhi002\esd-img\300\4331\4331_03.JPG
Description:	This photo shows the interior of the site.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-235 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-111
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a french drain that currently receives only stormwater. The drain is a concrete pipe that is covered by a .76 meter (2.49 foot) metal lid with perforations. The top of the pipe is flush with the ground surface and is surrounded by soil and gravel. The drain appears to be filled with soil to within approximately .7 meters (2.3 feet) of the top of the pipe. The upper .45 meters (1.5 feet) of the concrete pipe appear to be lined with some kind of a metal that is pulling away from the pipe. At least two, possibly three, metal pipes were observed extending into the side of the drain from the west. A small diameter (approximately 2.5 centimeters or 1 inch) pipe enters the side of the drain, makes a 90 degree turn and disappears into the floor of the drain. An approximately 5 centimeter (2 inch) open end pipe extends approximately 5 centimeters (2 inches) from the side of the drain. What appears to be a third pipe is covered with cobwebs that could not safely be removed. There are no pipes descending from the overhead steam line in the vicinity of the site. According to the "Inventory of Miscellaneous Streams," Revision 3, the steam source has been shut off. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #766.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states the steam source has been shut off. This site currently receives stormwater and previously received both stormwater and steam condensate. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

<u>Steven Burnum</u> DOE Project Manager	<u>Steven Burnum</u> Signature	<u>5/26/1999</u> Date
<u>David R. Einar</u> EPA Project Manager	<u>David R. Einar</u> Signature	<u>5/26/99</u> Date

**Waste Information Data System
General Summary Report**

1/27/2000

Site Code: 300-236	Site Reclassification Status: Rejected	Page 1
Site Names: 300-236, Steam Trap 3G-U45, HPD-TRP-020, U-45, Miscellaneous Stream #772		
Site Type: Valve Pit	Start Date:	
Status: Inactive	End Date:	
Operable Unit: 300-FF-2	Coordinates:	
Hanford Area: 300	(E) 0	
	(N) 0	
	Washington State Plane	
Site Description:	The site is a valve pit that received steam condensate. The structure has a square concrete base with a 1.31 meters (4.30 feet) by 1.31 meters (4.30 feet) metal lid. The lid is labeled "U-45" and "Danger, Confined Space." The lid has a hatch that allows access to its interior. The top of the concrete base ranges from approximately 5 to 10 centimeters (2 to 4 inches) above the ground surface. The site is surrounded by sand and some gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.	
Location Description:	The site is 10 meters (32.8 feet) southwest of the southwest corner of the 3719 Building. It is just east of the Apple Street Gate.	
Process Description:	Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.	
Associated Structures:	The site is related to the 300 Area steam line.	
Site Comment:	The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off.	
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388. 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2. 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.	

Site Hazards:

Hazard Type: Physical	Status: Verified	Date: 12/15/98
Description: Confined Space		
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.		

Dimensions:

Length:	1.31 Meters	4.30 Feet
Width:	1.31 Meters	4.30 Feet
Site Shape:	Square	
Comment:	These measurements are for the lid.	
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.	

Regulatory Information:

Programmatic Responsibility		
DOE Program:	EM-70	Confirmed By Program:
DOE Division:	SID - Site Infrastructure Division	

Responsible**Contractor/Subcontractor:****Site Evaluation****Solid Waste Management Unit:** Yes**TPA Waste Management Unit Type:****Permitting****RCRA Part A Permit:** No **216/218 Permit:** No**RCRA Part B Permit:** No **NPDES:** No**Closure Plan:** No **State Waste Discharge Permit:** No**TSD Number:** **Septic Permit:** No**Air Operating Permit:** No **Inert Landfill:** No**Air Operating Permit
Number(s):****Tri-Party Agreement****Lead Regulatory Agency:** EPA**Unit Category:****TPA Appendix:****Remediation and Closure****Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Steam Condensate**Category:** Nondangerous/nonradioactive**Physical State:** Liquid**Description:** According to the "Inventory of Miscellaneous Streams," Revision 3, the flow was less than 0.04 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate.**References:** 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.**Field Work:****Type:** Site Walkdown**Begin Date:** 12/15/1998**Field Crew:** K.A. Prosser**End Date:** 12/15/1998**Purpose:** to verify site location and conditions**Site Cover:** Bare Soil

Site Code: 300-236

Site Reclassification Status: Rejected

Page 3

Site Cover:

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Soil Texture: Sand (>50%)

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 12/15/98

Pathname: \\bhi002\esd-img\300\4332\4332_01.JPG

Description: This photo shows a close-up of stream #772.

Date Taken: 12/15/98

Pathname: \\bhi002\esd-img\300\4332\4332_02.JPG

Description: This digital photo was taken looking northeast across Apple St. at the southwest corner of the 3719 Building. The site is the yellow square.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-236 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-248
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a valve pit that received steam condensate. The structure has a square concrete base with a 1.31 meters (4.30 feet) by 1.31 meters (4.30 feet) metal lid. The lid is labeled "U-45" and "Danger, Confined Space." The lid has a hatch that allows access to its interior. The top of the concrete base ranges from approximately 5 to 10 centimeters (2 to 4 inches) above the ground surface. The site is surrounded by sand and some gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #772.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off. The flow was less than 0.04 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

<u>Steven Burnum</u> DOE Project Manager	<u>Steven Burnum</u> Signature	<u>5/26/1999</u> Date
<u>David R. Eiman</u> EPA Project Manager	<u>David R. Eiman</u> Signature	<u>5/26/99</u> Date

**Waste Information Data System
General Summary Report**

1/27/2000

Site Code: 300-237	Site Reclassification Status: Rejected	Page 1
Site Names: 300-237, Steam Trap HPD-TRP-010, Miscellaneous Stream #773		
Site Type: French Drain	Start Date:	
Status: Inactive	End Date:	
Operable Unit: 300-FF-2	Coordinates:	
Hanford Area: 300	(E) 0	
	(N) 0	
	Washington State Plane	
Site Description:	The site is described as a french drain that received steam condensate. An engineered structure was not evident in the field. A steam pipe runs down from the overhead steam line and terminates open-ended centimeters above the ground surface. The pipe is labeled "HPD-TRP-010." There is some soil discoloration where the pipe terminates above the ground surface that appears to be rust stains. This discoloration is confined to a very small area. There is also some rust discoloration on the concrete base of the pole that supports the steam pipe. The site is surrounded by sand with some gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.	
Location Description:	The site is located southeast of the southeast corner of the 303C Building, west of 3707D, on the west side of Wisconsin Street.	
Process Description:	Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.	
Associated Structures:	The site is associated with the 300 Area steam line.	
Site Comment:	The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off.	
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388. 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2. 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.	

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	Confirmed By Program:
DOE Division:	SID - Site Infrastructure Division	
Responsible Contractor/Subcontractor:		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No

Air Operating Permit: No

Inert Landfill:

No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: According to the "Inventory of Miscellaneous Streams," Revision 2, the flow was less than 0.04 liters (0.01 gallons) per minute of nondangerous/nonradioactive per minute of steam condensate.

References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.

Field Work:

Type: Site Walkdown

Begin Date: 12/15/1998

Field Crew: K.A. Prosser

End Date: 12/15/1998

Purpose: to verify site location and conditions

Site Cover: Bare Soil

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: Yes

Debris Visible: No

Soil Texture: Sand (>50%)

Comment: There is some soil discoloration where the pipe terminates above the ground surface that appears to be rust stains. This discoloration is confined to a very small area. There is also some rust discoloration on the concrete base of the pole that supports the steam pipe.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:**Date Taken:** 12/15/98**Pathname:** \\bhi002\esd-img\300\4333\4333_01.JPG**Description:** This photo shows a close-up of stream #773.**Date Taken:** 12/15/98**Pathname:** \\bhi002\esd-img\300\4333\4333_02.JPG**Description:** This photo was taken looking northwest towards the 303C Building. The manhole in the foreground is labeled "Telephone."

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-237 Type of Reclassification Action: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Rejected <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Closed-Out <input type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> No Action <input type="radio"/> </div>	Control Number: 98-246
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is described as a french drain that received steam condensate. An engineered structure was not evident in the field. A steam pipe runs down from the overhead steam line and terminates open-ended centimeters above the ground surface. The pipe is labeled "HPD-TRP-010." There is some soil discoloration where the pipe terminates above the ground surface that appears to be rust stains. This discoloration is confined to a very small area. There is also some rust discoloration on the concrete base of the pole that supports the steam pipe. The site is surrounded by sand with some gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #773.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. The flow was less than 0.04 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This stream was "Eliminated" in 6/98; the steam source was shut off. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

<u>Steven Burnum</u> DOE Project Manager	<u>Steven Burnum</u> Signature	<u>5/26/1999</u> Date
<u>David R. Eiser</u> EPA Project Manager	<u>David R. Eiser</u> Signature	<u>5/26/99</u> Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-238

Site Reclassification Status: Rejected

Page 1

Site Names: 300-238, Steam Trap 3G-U24, HPD-TRP-016, U-24, Miscellaneous Stream #774

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a french drain that received steam condensate from an underground steam line. The drain is a concrete pipe covered by a 1.55 meter (5.09 foot) diameter metal lid. The lid is labeled "U-24" and "Danger, Limited Access/Confined Space." The site is surrounded by sand and gravel. The site or the nearby steam line are not labeled "HPD-TRP-016." According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located west/southwest of the southwest corner of the 305 Building, next to Alaska Street. It is just north of where the overhead steam line goes underground.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the 300 Area steam line.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Site Hazards:

Hazard Type: Physical

Status: Verified

Date: 12/15/98

Description: Confined Space

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Dimensions:

Diameter: 1.55 Meters 5.09 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program:

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the "Inventory of Miscellaneous Streams," Revision 2, the flow used to be less than 0.04 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate.
References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.

Field Work:

Type: Site Walkdown
Begin Date: 12/15/1998 Field Crew: K.A. Prosser
End Date: 12/15/1998
Purpose: to verify site location and conditions
Site Cover: Bare Soil
Site Accessible: Yes Site Found: Yes

Site Code: 300-238

Site Reclassification Status: Rejected

Page 3

Soil Discoloration: No

Debris Visible: No

Soil Texture: Sand (>50%)

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 12/15/98

Pathname: \\bhi002\esd-img\300\4334\4334_01.JPG

Description: This photo shows a close-up of stream #774.

Date Taken: 12/15/98

Pathname: \\bhi002\esd-img\300\4334\4334_02.JPG

Description: This photo was taken looking east towards the 305 Building.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-238 Type of Reclassification Action: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Rejected <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Closed-Out <input type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> No Action <input type="radio"/> </div>	Control Number: 98-245
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a french drain that received steam condensate from an underground steam line. The drain is a concrete pipe covered by a 1.55 meter (5.09 foot) diameter metal lid. The lid is labeled "U-24" and "Danger, Limited Access/Confined Space." The site is surrounded by sand and gravel. The site or the nearby steam line are not labeled "HPD-TRP-016." According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #774.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, source abandoned. This stream was "Eliminated" in 6/98; the steam source was shut off. The flow rate was less than 0.04 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Steven Burnum	Steven Burnum	5/26/1999
DOE Project Manager	Signature	Date
David R. Eisan	David R. Eisan	5/26/99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-239

Site Reclassification Status: Rejected

Page 1

Site Names: 300-239, Steam Trap 3G-U26, HPD-TRP-058, U26, Miscellaneous Stream #775

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a french drain that received steam condensate. The drain appears to be a rust stained concrete pipe covered by a 0.61 meter (2.0 foot) diameter metal lid. The metal lid has some perforations and is labeled "U-26." The top of the pipe ranges from flush with the ground surface to approximately 2.5 centimeters (1 inch) above grade. The site is surrounded by sand and some asphalt. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located on the south side of the 3762 Building, at the bottom of the access ramp. The "Inventory of Miscellaneous Streams," Revision 3, erroneously locates the stream south of the 3762 Building.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with an underground steam line.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in June 1998; the steam source was shut off.

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.61 Meters 2.00 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program:

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the "Inventory of Miscellaneous Streams," Revision 2, the flow was less than 0.038 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate.
References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.

Field Work:

Type: Site Walkdown
Begin Date: 12/17/1998 Field Crew: K.A. Prosser
End Date: 12/17/1998
Purpose: to verify site location and conditions
Site Cover: Bare Soil
Site Accessible: Yes Site Found: Yes
Soil Discoloration: Yes Debris Visible: No
Soil Texture: Sand (>50%)
Comment: The site is surrounded by sand and asphalt. The soil wasn't discolored but the concrete pipe appeared to be rust stained.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 12/17/98

Pathname: \\bhi002\esd-img\300\4335\4335_01.JPG

Description: This photo shows a close-up of stream #775.

Date Taken: 12/17/98

Pathname: \\bhi002\esd-img\300\4335\4335_02.JPG

Description: This photo was taken looking north at the south side of 3762. The site is at the bottom of the access ramp. Although hard to see in this light, its blue label is visible.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-239 Type of Reclassification Action: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Rejected <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Closed-Out <input type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> No Action <input type="radio"/> </div>	Control Number: 98-250
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a french drain that received steam condensate. The drain appears to be a rust stained concrete pipe covered by a 0.61 meter (2.0 foot) diameter metal lid. The metal lid has some perforations and is labeled "U-26." The top of the pipe ranges from flush with the ground surface to approximately 2.5 centimeters (1 inch) above grade. The site is surrounded by sand and some asphalt. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #775.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in June 1998; the steam source was shut off. The flow was less than 0.04 liters (0.01 gallons) per minute of nondangerous/nonradioactive steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Steven Burnum	Steven Burnum	5/26/1999
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einar	David R. Einar	5/26/99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-240

Site Classification: Rejected

Page 1

Site Names: 300-240, 314 Building Stormwater Drain, Miscellaneous Stream #789

Site Type: French Drain

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a french drain that receives stormwater runoff. The drain appears to be constructed of concrete and is covered by a 0.64 meter (2.10 foot) metal grate. The grate is stamped "STD 42" and its edge seems to be sealed. The drain appears to be approximately 30 centimeters (1 foot) deep. The bottom is covered with sand and gravel. An approximately 10 centimeter (4 inch) diameter pipe enters the west side of the drain, makes a 90 degree turn towards the ground surface, and terminates with a screened opening. The top of the drain is flush with the ground surface, which is slightly depressed relative to the surrounding area. It appears as though the drain would collect runoff from the asphalt on the north side of 314 and from the gravel area southeast of 305B. During the December 17, 1998, walkdown, the inside of the drain appeared to be damp. The drain is surrounded by broken concrete, gravel and cobbles. The 314 Building is a closed facility. There is a similar structure west of this site, southeast of the southeast corner of 305B, south of the fenced area.

Location Description: The site is approximately 17 meters west of the northeast corner of the 314 Building, just north of the asphalt.

Associated Structures: The site is associated with the area on the north side of the 314 Building.

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.64 Meters 2.10 Feet

Site Shape: Circle

Comment: This measurement is for the metal grate.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30

Confirmed By Program:

DOE Division: STO - Science & Technology Operations

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit:

ST 4510

RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the "Inventory of Miscellaneous Streams," Revision 3, the flow is less than 0.038 liters (0.01 gallons) per minute of stormwater only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 12/17/1998 Field Crew: K.A. Prosser
End Date: 12/17/1998
Purpose: to verify site location and conditions
Site Cover: Concrete
Site Accessible: Yes Site Found: Yes
Soil Discoloration: No Debris Visible: No
Comment: The site is surrounded by broken concrete, gravel and cobbles.
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 12/17/98**Pathname:** \\bhi002\esd-img\300\4336\4336_01.JPG**Description:** This photo shows a close-up of stream #789.**Date Taken:** 12/17/98**Pathname:** \\bhi002\esd-img\300\4336\4336_02.JPG**Description:** This photo was taken looking west with 314 on the left and 305B on the right. The site is in the center foreground.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-240

5/14/1999

Site Alias(es): 300-240, 314 Building Stormwater Drain, Miscellaneous Stream #789

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
<p>2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.</p>	<input type="radio"/>	<input type="radio"/>
<p>2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input type="radio"/></p> <p>IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.</p>		
<p>2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/></p>		
<p>2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/></p>		
<p>2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/></p> <p>A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.</p>		
<p>2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.</p>		
<p>2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>		

Site Code: 300-240

5/14/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments:

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

5/25/1999

Site Code: 300-241

Site Classification: Rejected

Page 1

Site Names: 300-241, 320 Building Irrigation Line Effluent, Miscellaneous Stream #790

Site Type: French Drain

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593768.625

(N) 115481.938

Washington State Plane

Site Description: The site is a 60 centimeter (2 foot) diameter, sprinkler valve pit. There is a water valve inside.

Location Description: The site is located on the southwest side of the 320 Building.

Process Description: The lawn around the 320 Building has underground sprinklers. This water valve operates the system.

Site Comment: The Inventory of Miscellaneous Streams Report states that this site receives water evacuated from the sprinkler system when the system is drained for winter.

- References:
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.61 Meters 2.00 Feet

Site Shape: Circle

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30

Confirmed By Program:

DOE Division: STO - Science & Technology Operations

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: Septic Permit: No

Air Operating Permit: No Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Water
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: This site receives less than 0.038 liters (0.01 gallons) per minute of effluent from irrigation.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 12/14/1998 **Field Crew:** CR Webb
End Date: 12/14/1998
Purpose: Verification
Site Cover: Moderate Vegetation
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/14/98
Pathname: \\bhi002\esd-img\300\4337\4337_01.JPG
Description: This photo shows the circular, sprinkler valve pit near the southwest corner of the 320 Building.
Date Taken: 12/14/98
Pathname: \\bhi002\esd-img\300\4337\4337_02.JPG
Description: This photo shows the southwest corner of the 320 Building. The sprinkler valve pit is under the tree.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-241

5/14/1999

Site Alias(es): 300-241, 320 Building Irrigation Line Effluent, Miscellaneous Stream #790

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
<p>2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.</p>	<input type="radio"/>	<input checked="" type="radio"/>
<p>2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.</p>		
<p>2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/></p>		
<p>2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/></p>		
<p>2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/></p> <p>A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.</p>		
<p>2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.</p>		
<p>2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>		

Site Code: 300-241

5/14/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>

Comments: The unit is a valve box for a lawn sprinkler system.

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

5/25/1999

Site Code:	300-242	Site Classification:	Rejected	Page	1
Site Names:	300-242, 325 Building Stormwater Runoff, Miscellaneous Stream #791				
Site Type:	French Drain	Start Date:			
Status:	Active	End Date:			
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	593959.875		
		(N)	115829.781		
		Washington State Plane			
Site Description:	The site is a concrete box that received drainage from the 325 Building. The box is a ground level, square, concrete structure with a steel cover. It measures approximately 0.9 meters (3 feet) by 0.9 meters (3 feet) and is approximately 0.6 meters (2 feet) deep. A large diameter carbon steel line coming from the basement of the 325 Building terminates inside the structure.				
Location Description:	The site is located approximately 4.5 meters (15 feet) east of the northwest corner of the 325 Building. The site is adjacent to Fire Protection Riser #1.				
Site Comment:	The concrete pit is identified in the Inventory of Miscellaneous Stream, Revision 3 as stream #791. The inventory documents this site as a stormwater runoff site.				
	In an effort to identify the source of the discharge, PNNL personnel attempted to trace the piping. The steel line coming from the basement of the 325 Building was found to be cut off flush with the inside wall and permanently plugged. All associated piping had been removed.				
Environmental Monitoring Description:	Annual surveys of the 325 Building roof have not revealed any contamination.				
References:	1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255. 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2. 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3. 4. MJ McCarthy to Brad Atencio, 5-19-99, E:Mail - Injection Well located on Northwest corner of 325.				

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 **Confirmed By Program:**
DOE Division: STO - Science & Technology Operations
Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: No
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4510
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the Inventory of Miscellaneous Streams, Revision 3, the site receives less than 0.038 liters (0.01 gallons) per minute of stormwater only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 12/14/1998 Field Crew: CR Webb
End Date: 12/14/1998
Purpose: Verification
Site Cover: Asphalt
Site Accessible: No Site Found: No
Soil Discoloration: No Debris Visible: No
Comment: No drain was found at the coordinate location given in the Inventory of Miscellaneous Streams Report. A building roof down spout was noted, but it released its contents onto the asphalt.
References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/14/98
Pathname: \\bhi002\esd-img\300\4338\4338_01.JPG
Description: This photo shows the roof down-spout on the northwest corner of the 325 Building.
Date Taken: 5/21/99

Pathname:	\\bhi002\esd-img\300\4338\4338_02.JPG
Description:	Photo shows the concrete pit adjacent to Fire Protection Riser #1.
Date Taken:	5/21/99
Pathname:	\\bhi002\esd-img\300\4338\4338_03.JPG
Description:	Photo shows the concrete pit.
Date Taken:	5/21/99
Pathname:	\\bhi002\esd-img\300\4338\4338_04.JPG
Description:	Photo shows the inside of the concrete pit.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-242	5/17/1999
Site Alias(es):	300-242, 325 Building Stormwater Runoff, Miscellaneous Stream #791	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.	<input type="radio"/>	<input type="radio"/>
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input type="radio"/>		
IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.		
2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/>		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/>		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/>		
A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.		

Site Code: 300-242

5/17/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments:

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

5/25/1999

Site Code:	300-243	Site Classification:	Rejected	Page	1
Site Names:	300-243, 318 Building Stormwater Runoff, Miscellaneous Stream #792				
Site Type:	French Drain	Start Date:			
Status:	Active	End Date:			
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	594029.875	(N)	115531.453
		Washington State Plane			
Site Description:	The site is a rectangular grate in the pavement. Water was observed in the bottom of the drain during a site walkdown on December 14, 1998.				
Location Description:	The site is located on the north side of the 318 Building in the asphalt driveway.				
Process Description:	The drain receives stormwater runoff from the 318 Building.				
Associated Structures:	The site is related to the 318 Building.				

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length:	0.67 Meters	2.20 Feet
Width:	0.57 Meters	1.87 Feet

Site Shape: Rectangle

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-30	Confirmed By Program:	
DOE Division:	STO - Science & Technology Operations		

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4510
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Site Code: 300-243
Number(s):

Site Classification: Rejected

Page 2

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: The site receives less than 0.038 liters (0.01 gallons) per minute of stormwater only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 12/14/1998 Field Crew: CR Webb
End Date: 12/14/1998
Purpose: Verification
Site Cover: Asphalt
Site Accessible: Yes Site Found: Yes
Soil Discoloration: No Debris Visible: No
References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/14/98
Pathname: \\bhi002\esd-img\300\4339\4339_01.JPG
Description: This photo shows the north side of the 318 Building with the stormwater drain in the asphalt.
Date Taken: 12/14/98
Pathname: \\bhi002\esd-img\300\4339\4339_02.JPG
Description: This photo shows the storm water drain on the north side of the 318 Building.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-243	5/25/1999
Site Alias(es):	300-243, 318 Building Stormwater Runoff, Miscellaneous Stream #792	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

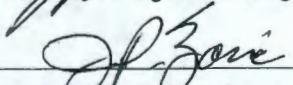
	YES	NO
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.	<input type="radio"/>	<input type="radio"/>
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input type="radio"/>		
IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.		
2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/>		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/>		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/>		
A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.		

Site Code: 300-243

5/25/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments:


ERC Data Management Investigator5/25/99
Date
Regulatory Compliance Concurrence5-2599
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence5/26/99
Date
Lead Regulatory Agency Concurrence5/26/99
Date

Waste Information Data System

General Summary Report

5/25/1999

Site Code:	300-244	Site Classification:	Rejected	Page	1
Site Names:	300-244, 318 Building Stormwater Runoff, Miscellaneous Stream #793				
Site Type:	French Drain	Start Date:			
Status:	Active	End Date:			
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	594060.688		
		(N)	115482.984		
		Washington State Plane			
Site Description:	The site is a horizontal, metal culvert that protrudes from the ground in a gravel depression. The pipe runs under the asphalt driveway, westward toward the 318 Building.				
Location Description:	The coordinates and location given in the Inventory of Miscellaneous Streams Report (Rev. 3) indicate this site is located on the east side of the 318 Building, east of the access driveway.				
Site Comment:	The Inventory of Miscellaneous Streams Report states that the storm drain overflows into an injection well. However, no injection well was visible at this location.				

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.42 Meters 1.38 Feet

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 **Confirmed By Program:**
DOE Division: STO - Science & Technology Operations
Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: No
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4510
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The site receives less than 0.038 liters (0.01 gallons) per minute of stormwater only.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 12/14/1998

Field Crew: CR Webb

End Date: 12/14/1998

Purpose: Verification

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Comment: The Inventory of Miscellaneous Streams Report states this site discharges to an injection well. A drainage culvert was noted at the coordinate locations given in the report, but no french drain or injection well was visible.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/14/98

Pathname: \\bhi002\esd-img\300\4340\4340_01.JPG

Description: This photo shows the culvert in the gravel on the east side of the road.

Date Taken: 12/14/98

Pathname: \\bhi002\esd-img\300\4340\4340_02.JPG

Description: This photo shows the culvert on the east side of the 318 Building.

Date Taken: 5/21/99

Pathname: \\bhi002\esd-img\300\4340\4340_03.JPG**Description:** Photo shows the gravel area drained by the culvert.**Date Taken:** 5/21/99**Pathname:** \\bhi002\esd-img\300\4340\4340_04.JPG**Description:** Photo shows the asphalt area on the east side of the 318 Building that drains to this culvert and ditch.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-244 5/25/1999

Site Alias(es): 300-244, 318 Building Stormwater Runoff, Miscellaneous Stream #793

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.	<input type="radio"/>	<input type="radio"/>
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input type="radio"/>		
IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.		
2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/>		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/>		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/>		
A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.		

Site Code: 300-244

5/25/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES <input type="radio"/>	NO <input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES <input type="radio"/>	NO <input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES <input type="radio"/>	NO <input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES <input type="radio"/>	NO <input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES <input type="radio"/>	NO <input type="radio"/>

Comments:


ERC Data Management Investigator5/25/99
Date
Regulatory Compliance Concurrence5-25-99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence5/26/99
Date
Lead Regulatory Agency Concurrence5/26/99
Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-248

Site Reclassification Status: Rejected

Page 1

Site Names: 300-248, 340B Steam Condensate Sump Pit

Site Type: Sump

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594165.25

(N) 115951.984

Washington State Plane

Site Description: The site is a sump that collected condensate from process steam. The visible structure is approximately 1.22 meters (4 feet) in diameter, with an entry hatch. Originally, the sump was open to the ground under the building. Later the bottom was filled with concrete

Location Description: The steam condensate sump is located inside the 340B building, near the southeast corner. The sump structure is located in side a radiologically controlled area.

Process Description: Steam was used to decontaminate rail cars at the 340 B building. The steam condensate sump collected condensate from the process steam. The contaminated solution that resulted from steam cleaning the railcars was flushed into a different drain that led to the Process Sewer.

Access Requirements: Rad Worker II Training

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30

Confirmed By Program:

DOE Division: WPD - Waste Program Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:**Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Steam Condensate**Category:** Nondangerous/nonradioactive**Physical State:** Liquid

Description: Steam was used to decontaminate rail cars at the 340B building. The steam condensate sump collected condensate from the process steam. The contaminated solution that resulted from steam cleaning the railcars was flushed into a different drain that led to the Process Sewer.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.

Field Work:**Type:** Site Walkdown**Begin Date:** 12/09/1998**Field Crew:** CR Webb, Dave Roohr, Fred Biebesheimer**End Date:** 12/09/1998**Purpose:** Discovery**Site Cover:** Concrete**Site Accessible:** No**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No

Comment: Due to the sump being located inside a radiologically controlled area/contamination area, we observed the site from a distance. The sump hatch was not opened.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.

Images:**Date Taken:** 12/10/98**Pathname:** \\bhi002\esd-img\300\4346\4346_01.JPG

Description: This photo shows the 340B building Steam Condensate Sump, that is located inside the 340B building.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: R. D. Haggard, H6-25 Phone: (509) 376-3723	Operable Unit(s): 300-FF-2 Waste Site ID: 300-248 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-039
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a sump that collected condensate from process steam. Steam was used in the 340B Building to decontaminate rail cars. The steam condensate sump is located inside the 340B building, near the southeast corner. The visible structure is approximately 1.22 meters (4 feet) in diameter, with an entry hatch. At one time, the steam condensate sump was open to the ground under the building. Later the bottom of the sump was filled with concrete.

Basis for reclassification:

The site received only noncontaminated steam condensate. The contaminated solution that resulted from steam cleaning the railcars was flushed into a different drain that led to the Process Sewer.

<u>Glenn Richardson</u> DOE Project Manager	<u>Glenn Richardson</u> Signature	<u>5/26/99</u> Date
<u>David R. Finan</u> EPA Project Manager	<u>David R. Finan</u> Signature	<u>5/26/99</u> Date

**Waste Information Data System
General Summary Report**

1/25/2000

Site Code: 300-250 Site Classification: Rejected Page 1

Site Names: 300-250, Valve Pit Southeast of 303A

Site Type: Valve Pit

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a valve pit for a sanitary water line. The pit has a rectangular concrete base covered by a 1.12 meter (3.67 foot) by 1.42 meter (4.66 foot) metal lid. The top of the concrete ranges from 11 to 20 centimeters (4.3 to 7.9 inches) above the ground surface. The site is surrounded by sand and gravel. The lid is posted "Confined Space." Both "W 26" and "W 16" are written in fading paint on the lid. The overhead steam line terminates and is capped at the north edge of the 3717B Building. The site is just south of the "Radiologically Controlled Area" signs around the 303A, 304 and 303B Buildings.

On December 10, 1998, a DynCorp employee removed the lid of the structure just described, allowing access to its interior. The pit is approximately 0.9 to 1.2 meters (3 to 4 feet) deep and has a gravel-covered bottom. An approximately 5 to 7.6 centimeter (2 to 3 inch) pipe runs across the pit from east to west. Two valves were visible in the pit. There are no drains.

Location Description: The site is located southeast of the 303A Building and southwest of the 304 Building.

Associated Structures: The valve pit is associated with the sanitary water distribution system.

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. Jeff Shearer with Curt Clement, 5/26/99, Telecon: Walkdown of 300-250.

Site Hazards:

Hazard Type:	Physical	Status:	Posted	Date:	10/29/98
Description:	Confined Space				
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.				

Dimensions:

Length:	1.42 Meters	4.66 Feet
Width:	1.12 Meters	3.67 Feet

Site Shape: Rectangle

Comment: These measurements are for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-60	Confirmed By Program:
DOE Division:	SID - Site Infrastructure Division	
Responsible Contractor/Subcontractor:		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: No Septic Permit: No

Air Operating Permit: No Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: Site Walkdown

Begin Date: 10/29/1998

Field Crew: K.A. Prosser

End Date: 10/29/1998

Purpose: to verify site location and conditions

Comment: The site is identified in the field log write-up as 300-60, Miscellaneous Stream #339. Stream #339 was later determined to be another disposal structure.

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Soil Texture: Gravel (>50%, <1 inch)

Comment: The site is surrounded by sand and gravel.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Type: Site Walkdown

Begin Date: 12/10/1998

Field Crew: K. A. Prosser

End Date: 12/10/1998
Purpose: More Photos
Comment: The site was re-visited to take photos of the interior of the structure. The site is identified in the field log write-up as 300-60, Miscellaneous Stream #339. Stream #339 was later determined to be another disposal structure.
Site Cover: Gravel or Rock
Site Accessible: Yes
Soil Discoloration: No
Soil Texture: Gravel (>50%, <1 inch)
Comment: The structure appears to be a valve pit.
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/29/98
Pathname: \\bhi002\esd-img\300\4365\4365_01.JPG
Description: This photo shows a close-up of the site.
Date Taken: 11/2/98
Pathname: \\bhi002\esd-img\300\4365\4365_02.JPG
Description: This photo was taken looking west towards the site. Building 303A is on the right and 3717B is on the left.
Date Taken: 12/10/98
Pathname: \\bhi002\esd-img\300\4365\4365_03.JPG
Description: This photo shows the inside of the structure. This photo was taken from the north side of the structure.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-250	5/26/1999
Site Alias(es):	300-250, Valve Pit Southeast of 303A	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

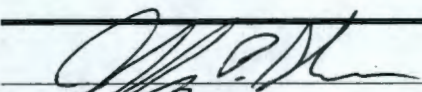
	YES	NO
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.	<input type="radio"/>	<input checked="" type="radio"/>
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input checked="" type="radio"/>		
IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.		
2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/>		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/>		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/>		
A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.		

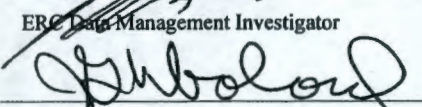
Site Code: 300-250

5/26/99

<p>3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)</p> <p>3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/></p> <p>3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>5. Is the unit an inactive, contaminated structure?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>
<p>7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?</p>	<p>YES NO</p> <p><input type="radio"/> <input checked="" type="radio"/></p>

Comments:

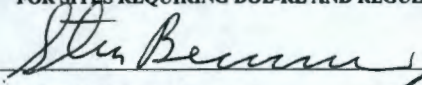

 ERM Data Management Investigator

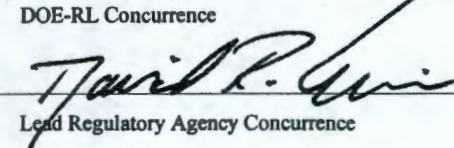

 Regulatory Compliance Concurrence

5/26/99
 Date

5/26/99
 Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


 DOE-RL Concurrence


 Lead Regulatory Agency Concurrence

5/26/99
 Date

5/26/99
 Date

Waste Information Data System

General Summary Report

2/3/2000

Site Code: 300-253		Site Reclassification Status: No Action		Page 1
Site Names:	300-253, 384-W Original Brine Pit, 384-W Original Salt Dissolving Pit and Brine Pump Pit			
Site Type:	Sump	Start Date:		
Status:	Inactive	End Date:	1977	
Operable Unit:	300-FF-2	Coordinates:		
Hanford Area:	300	(E)	0	
		(N)	0	
		Washington State Plane		
Site Description:	<p>The site was a two-chambered concrete structure. No surface features were noted at the structure's location except a patch of asphalt that was darker than the surrounding material.</p> <p>The structure was located partially below grade with the top 83 centimeters (33 inches) visible. It had either a concrete or metal lid (see Site Comment).</p> <p>The larger chamber, was the salt dissolving pit, also identified as the "Salt Storage Pit" on drawing H-3-36240. This section held the salt that was dissolved to make the brine. Typically, the salt dissolving pit was connected to the brine pump pit by a piece of perforated pipe located at the bottom of the structure. The pipe was covered by layers of gravel and sand.</p> <p>The smaller chamber was the brine pump pit, also identified as "brine" on drawing H-3-36240. This chamber held the filtered brine for use in powerhouse operations. The pump pit was connected to the powerhouse by a 5.1 centimeter (2 inch) line and a 2.5 centimeter (1 inch) line.</p>			
Location Description:	<p>The original 384 brine pit was located approximately 0.6 meters (2 feet) south of the 384 Building's southwest corner. The brine pit's west wall was in line with the west wall of the 384 Building.</p>			
Process Description:	<p>The steam system used "soft" water. Brine was used to regenerate the ion exchange demineralizers in the water softeners.</p> <p>The brine was created by distributing water across the surface of the salt. As the water passed through the salt, the solution became saturated. The brine solution passed through layers of sand and gravel which filtered out salt crystals and other particles. The filtered brine passed into the pump pit via a pipe that connected the chambers. Flow through the brine pit was achieved by the addition of new water into the salt dissolving pit and the removal of brine from the pump pit.</p>			
Associated Structures:	<p>The site is related to the 384 Powerhouse. It was replaced by another brine pit, WIDS Site Code 300-222.</p>			
Site Comment:	<p>In 1977, this brine pit was replaced by a newer structure. The replacement brine pit is located north of the west end of the 384 Powerhouse.</p> <p>Very little information has been found regarding the original 384 brine pit. Drawing H-3-36240, dated November 17, 1972, has been found that shows the location and generalized layout for the structure. In addition, drawing H-3-40514 Sheet 1, a plan drawing for the replacement brine pit, contains a small inset plot plan. The original brine pit is shown in the plot plan and has a label next to it that reads "existing brine pit to be abandoned".</p> <p>The current status of the brine pit has not been determined. It is evident from a site walkdown that the above grade parts of the brine pit have been demolished. However, it has not been determined whether the entire structure was removed or buried in place and whether any salt cake remains.</p> <p>Because of the lack of drawings and other supporting information for this site, information from site 300-222 has been used to supplement the Process Description and construction information in the Site Description based on the assumption that the structures were of similar design.</p> <p>Drawing H-3-36240, titled "Salt Storage Pit - Cover-Chute" deals primarily with replacing the structure's concrete cover with a hinged metal cover. The replacement cover was designed to also act as a chute during salt unloading. However, since the drawing is labeled revision 0 and has not been marked as "as-built", the lid replacement may never have occurred.</p>			

- References:
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.
 2. 1/21/77, Structural Concrete Brine Pit Plan & Sections, H-3-40514, Sht 1, Rev 1.
 3. 11/17/72, Salt Storage Pit - Cover-Chute, H-3-36240, Sht 1, Rev 0.
 4. Jeffrey P. Shearer to L. A. Dietz, 5/10/99, From the Desk of Jeffrey P. Shearer: Waste site 300-222 Used as Analogous Site for 300-253.
 5. Sam Camp to Jeff Shearer, 5/25/99, E-mail: RE: Original Brine Pit at 384 Powerhouse.

Dimensions:

Length: 4.51 Meters 14.80 Feet
Width: 2.65 Meters 8.70 Feet

Site Shape: Rectangle

Comment: These dimensions were estimated by taking a scalar ratio for a distance provided in drawing H-3-36240 (left top figure) and applying that scalar to other values measured off of the same figure with a ruler.

References: 1. 11/17/72, Salt Storage Pit - Cover-Chute, H-3-36240, Sht 1, Rev 0.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-70 Confirmed By Program:
DOE Division: SID - Site Infrastructure Division
Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: CERCLA Past Practice (CPP)
TPA Appendix: C

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:**Residual Waste:****Waste Information:****Type:** Abandoned Chemicals**Category:** Hazardous/Dangerous**Waste Obscured:** Soil Overburden**Description:** Salt cake may be present as part of any demolition debris at the site. Salt cake may be designated as a dangerous waste under the Model Toxics Control Act (MTCA).**References:** 1. Jeff Shearer, 2/11/99, E-mail: RE: Salt.**Field Work:****Type:** Site Walkdown**Begin Date:** 04/27/1999**Field Crew:** CR Webb, JP Shearer**End Date:** 04/27/1999**Purpose:** Determine Site Conditions**Comment:** Obtained photos of site's location. No visible evidence of the brine pit.**Site Cover:** Asphalt**Site Accessible:** Yes**Site Found:** No**Soil Discoloration:** No**Debris Visible:** No**References:** 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.**Images:****Date Taken:** 4/24/74**Pathname:** \\bhi002\esd-img\300\4368\4368_01.JPG**Description:** This image is an enlargement of the 384 Powerhouse from an aerial photo. The brine pit is the white object at the southwest corner of the powerhouse (top of the photo is north). A black arrow has been added that points to the brine pit.**Date Taken:** 4/27/99**Pathname:** \\bhi002\esd-img\300\4368\4368_02.JPG**Description:** This photo was taken at the southwest corner of the powerhouse.**Date Taken:** 4/27/99**Pathname:** \\bhi002\esd-img\300\4368\4368_03.JPG**Description:** This photo shows the southwest corner of the 384 Building with the dark, rectangular patch of asphalt.**Date Taken:** 4/27/99**Pathname:** \\bhi002\esd-img\300\4368\4368_04.JPG**Description:** This photo shows the southwest corner of the 384 Building.**Date Taken:** 4/27/99**Pathname:** \\bhi002\esd-img\300\4368\4368_05.JPG

Site Code: 300-253

Site Reclassification Status: No Action

Page 4

Description:	This photo shows the southwest corner of the 384 Building looking north, up Apple Street.
---------------------	---

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-253 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input type="radio"/> No Action <input checked="" type="radio"/>	Control Number: 99-042
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is the original brine pit for the 384 powerhouse. Brine was used to regenerate the ion exchange demineralizers in the water softeners. The current status of the brine pit has not been determined. It is evident from a site walkdown that the above grade parts of the brine pit have been demolished. However, it has not been determined whether the entire structure was removed or buried in place.

Basis for reclassification:

The brine pit was within 0.6 meters (2 feet) of the 384 Powerhouse foundation. Any remaining materials will be removed as part of the powerhouse decommissioning. Although no documentation has been found to substantiate it, it is presumed that the brine pit was cleaned out when it was decommissioned.

Steven B Cernum	Steven B Cernum	5/26/1999
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Eiden	David R. Eiden	5/26/99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

1/27/2000

Site Code: 300-261

Site Reclassification Status: Rejected

Page 1

Site Names: 300-261, 315 Filter Plant Process Sewer to River

Site Type: Process Sewer

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The sewer is constructed of a 0.61 meter (24 inch) vitrified clay pipe from the building to the river bank. A 0.8 meter (30 inch) corrugated steel flume (1/2 pipe) conveys the effluent down the riverbank and into the river. There is an active stormwater drain located on the west side of the road and due east of the outfall flume. This site has been identified as outfall 012 in DOE/EIS-0113.

Location Description: The 315 Filter Plant Process Sewer pipeline extends south easterly from the southeast corner of the 315 building towards 3906 Lift Station and then bends due east to the Columbia River.

Process Description: The sewer conveyed water from the 315 basin overflow drains and the 315 filter backwash water to the river.

Release Description: The effluent pipe inside the diversion box near the 315 building has been blanked off with plywood and filled in with concrete.

Release Potential Description: There is no release potential for hazardous contaminants. The portion of the sewer line leading to the river has been blanked off with concrete. The pipeline is still active for stormwater releases.

References:

1. 4/5/1962, 300 Area Outside Lines Sewers Section 15, M-3904, Sht 15, Rev 10.
2. DD Deardorff, 2/27/97, Engineering Change Notice - Secure Drain Line/M430V/M441E, 615221.

Site Hazards:

Hazard Type: Physical

Status: Posted

Date: 5/5/99

Description: Confined Space

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Diameter: 0.61 Meters 2.00 Feet

Comment: The diameter provided is the 0.61 meter (2 foot) measurement for the vitrified clay pipe running from the Filter Plant to the river bank. At the top of the bank, the pipe changes to a 0.8 meter (2.5 feet) corrugated steel half round pipeline.

References: 1. 4/5/1962, 300 Area Outside Lines Sewers Section 15, M-3904, Sht 15, Rev 10.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program:

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor:

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The waste is a process sewer pipeline that received overflow and filter backwash from the 315 Filter Plant. Treatment chemicals included alum (aluminum sulfate), chlorine, and separan (a polyacrylamide -flocculent). The site no longer receives material from the 315 Filter Plant. It can receive stormwater.

References: 1. 12/87, Final Environmental Impact Statement Disposal of Hanford Defense High-Level, Transuranic and Tank Wastes - Volumes 1-5, DOE/EIS-0113.

Field Work:

Type: Site Walkdown

Begin Date: 05/06/1999

Field Crew: Tim Johnson

End Date: 05/06/1999

Purpose: Site description

Comment: The site also receives stormwater from the paved areas.

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken:	5/6/99
Pathname:	\\bhi002\esd-img\300\4381\4381_01.JPG
Description:	This photo shows the 315 Building effluent outfall flume from the top of the riverbank to the river.
Date Taken:	5/6/99
Pathname:	\\bhi002\esd-img\300\4381\4381_02.JPG
Description:	This photo shows the 315 Water Filter Plant looking from the Northeast.
Date Taken:	5/6/99
Pathname:	\\bhi002\esd-img\300\4381\4381_03.JPG
Description:	This photo shows the 315 Water Filter Plant looking northwest with the process sewer diversion box in the foreground.
Date Taken:	2/16/99
Pathname:	\\bhi002\esd-img\300\4381\4381_04.JPG
Description:	This photo shows the upper portion of the outfall flume. The outfall structure is located on top of the bank behind the chain link fence.
Date Taken:	2/16/99
Pathname:	\\bhi002\esd-img\300\4381\4381_05.JPG
Description:	The photo shows the pipe opening located on the riverbank where the flume carries the effluent to the river.
Date Taken:	2/16/99
Pathname:	\\bhi002\esd-img\300\4381\4381_06.JPG
Description:	The photo shows the outfall flume from the pipe opening on the bank to the river.
Date Taken:	2/16/99
Pathname:	\\bhi002\esd-img\300\4381\4381_07.JPG
Description:	The photo shows the outfall flume on the downstream side looking north.
Date Taken:	5/18/99
Pathname:	\\bhi002\esd-img\300\4381\4381_08.JPG
Description:	The storm drain in the foreground is located directly over the 315 process sewer at the bend. An incoming pipe is visible inside on the north. The exit pipe was not visible due to low light conditions.

Waste Site Reclassification Form

Date Submitted: 5/26/1999 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-261 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-044
---	--	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an process sewer line and outfall associated with the 315 Water Filter Plant. The sewer conveyed water from the 315 basin overflow drains and the 315 filter backwash water to the river. The sewer is constructed of a 0.61 meter (24 inch) vitrified clay pipe from the building to the river bank. A 0.8 meter (30 inch) corrugated steel flume (1/2 pipe) conveys the effluent down the riverbank and into the river. There is an active stormwater drain located on the west side of the road and due east of the outfall flume. This site is identified as outfall 012 in DOE/EIS-0113.

Basis for reclassification:

Treatment chemicals used in the 315 Filter Plant included nonhazardous alum (aluminum sulfate), chlorine gas, and separan (a polyacrylamide flocculent). The site no longer receives discharges from the 315 Filter Plant. The line was blanked off with concrete near the filter plant.

The pipeline is still active for stormwater releases.

<u>Steven Bernum</u> DOE Project Manager	<u>Steven Bernum</u> Signature	<u>5/26/1999</u> Date
<u>David R. Eison</u> EPA Project Manager	<u>David R. Eison</u> Signature	<u>5/26/99</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 304 CF

Site Reclassification Status: Closed Out

Page 1

Site Names: 304 CF, 304 Concretion Facility

Site Type: Process Unit/Plant

Start Date: 1952

Status: Inactive

End Date: 1995

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593802.688

(N) 116064.156

Washington State Plane

Site Description: The 304 Concretion Facility was designed and constructed in 1952. The main building is metal and rests on a concrete pad. The ceiling has exposed steel trusses (girders). The north and south ends of the building have sliding doors, and there are windows in the east side. Regular doors are located on the north and west sides. The building has no interior insulation or wallboard. Drainage to the process sewer is provided by a trench along the eastern wall, a sump along the western wall, a sink drain, and a floor drain.

A metal change room was added on the east side of the building in 1972. The sliding metal doors are located in the north and west walls and a window is located on the east side of the change room. The walls and ceiling of this change room are insulated and covered by wallboard.

There is a concrete pad on the north side of the building (WIDS Site 304 SA).

During the history of the Facility, several exhaust and vent systems were used. The original system was composed of three roof vents powered by 58 cubic meters (2,050 cubic feet) per minute electric fans. This system was used from 1952 to the mid-1960's. The electricity was disconnected to the fans in 1971.

When the building had furnaces for the melting of metals (1952 to the late 1950's), the furnace cooling air was exhausted through a 15.2 centimeter (6 inch) diameter exhaust pipe on the west side of the building. The exhaust pipe is still in place, but is sealed off in the sump (formerly a furnace pit).

The first fume exhaust system was a 53.8 cubic meters (1,900 cubic feet) per minute Roto-clone exhauster and was used to exhaust acid and nitrogen oxide fumes from the nickel plating operations (late 1950's to mid-1960's). No monitoring capabilities existed on this exhaust system.

The existing cyclone precipitator exhaust system replaced the plating operation exhaust system in 1971. Both exhausters were located on the concrete pad outside the east side of the building. The flow rate, manufacturer, and efficiency of the present cyclone exhaust system are unknown. The exhaust system was used to remove cement dust from the operator's work area when bags of cement were being emptied and the concrete mixer was in operation. After the air passed through the cyclone precipitator, it was discharged vertically approximately 3.66 meters (12 feet) above ground level. The discharge was sampled continuously for uranium particulates while the precipitator was in service.

In addition to the exhaust systems described previously, the building contained a 939 square meters (10,000 square feet) per minute evaporative (swamp) cooler. Until approximately 1985, the swamp cooler was used to cool the building. The swamp cooler was located on the concrete pad outside the southeast corner of the building. The swamp cooler was removed in 1992.

The Facility contains five drains that entered the process sewer. A floor drain near the cement mixer discharges to the sump where fines settled out. The sump has a removable screened standpipe, about 40.6 centimeters (16 inches) high, that overflowed into an underground drain line to the process sewer on the east side of the building. A water line discharged directly into the overflow pipe below the screen and was used when the concretion process was in operation. This flowing water (flow rate unknown) helped prevent the P-trap from plugging with concrete. Four other drains entered the main underground drain, including a drain from the east side floor trench, a drain from the sink in the southwest corner of the building, and overflow drain from the outside steam condensate quench sump on the east side of the building, and a drain from the swamp cooler on the exterior pad at the southeast corner of the building.

The main underground drain slopes from the bottom of the sump to the process sewer. The elevation of the bottom of the main drain, where the drain passes under the east wall of the Facility,

**Location
Description:**

is about 116.1 meters (381 feet). The elevation of the bottom of the process sewer is about 115.5 meters (379 feet), and elevation of the Facility floor is about 117.7 meters (386 feet)

**Process
Description:**

The 304 Concretion Facility consisted of a container storage area and a concretion system used to treat mixed waste and recyclable uranium scrap. The 304 Facility was in operation from 1952 to 1988. During this time, the following activities occurred:

From 1952 to the late 1950's, the building was used as a pilot plant to fabricate aluminum-clad uranium cores by lead-dip canning process.

From the late 1950's to the mid-1960 's, the building was used as a pilot plant to electroplate uranium with nickel.

From the mid-1960's to 1971, the building was used to store engineering equipment and product chemicals.

From 1971 to 1982 recyclable scrap uranium with zircaloy-2 and copper-silicon alloy chips and fines were concreted into billets. Beginning In 1977, the billets were cured in both the 304 Facility and 303-K Radioactive Mixed Waste Storage Facility (303-K Facility) before being shipped to Fernald, Ohio, for uranium recovery.

From 1972 until 1986, beryllium/zircaloy-2 alloy and zircaloy-2 chips and fines were concreted in containers to reduce their ignitability. These containers were buried in the 200 Areas burial grounds.

From 1975 to the spring of 1988, depleted uranium alloy chips and fines from Pacific Northwest Laboratory (PNL) were concreted into billets and returned to PNL for subsequent shipment to the 200 Areas burial grounds.

In the spring of 1994, pyrophoric metal waste from dismantling of the 300 Area fuel processing equipment was concreted in drums to reduce ignitability. These drums were buried in a 200 Area burial ground. This is the final treatment activity planned for the 304 Facility.

Waste treated in the 304 Facility was generated by processes in the 300 Area. The waste sources are summarized as follows.

Beryllium/zircaloy-2 alloy and zircaloy-2 chips and fines that were stored temporarily at the 303-K Facility were concreted into containers to reduce their ignitability.

From 1985, spent counterbore lathe coolant (an aqueous synthetic lubricant) from lathes in the 333 Building was stored at the 303-K Facility until it could be used as makeup water in the 304 Facility cement mixer during concretion of chips and fines. The coolant was a nonregulated material.

The spent counterbore lathe coolant used for makeup water for concretion in the 304 Facility was Polar chip 350L, which was diluted with water 20 to 1. Besides uranium, copper-silicon alloy, zircaloy-2 alloy, and graphite particulate, the only other potential contaminant in the lathe coolant was AW Hydraulic Oil 32, used in the counterbore lathe.

During concretion operations, the 304 Facility floor was washed down daily with water. Because the steel walls of the main building were not sealed to the concrete wall base until 1989 and there were numerous small holes in the walls, rinse water splashing against the steel walls might have carried contamination out of the building. In addition, there were no berms at the north and south doors to stop washdown water from leaving the building. The north fenced pad does not have a berm to contain spills or precipitation.

The washing down of the floor is unlikely to have caused airborne contamination, because damp uranium saw fines and chips are too large and dense for easy air suspension. Uranium has a specific gravity of 18.9 and uranium oxides have a specific gravity of 7.3 to 10.9. Damp saw fines have a tendency to stick together and about 73 percent of new saw fines are greater than 100 mesh (150 microns). In addition, the cyclone precipitator was in operation at all times when the cement bags were emptied and the concrete mixer was in operation.

During concretion operations, the north sliding door normally was left open to allow forklift traffic for

container transport.

A floor drain near the cement mixer discharged to the sump where fines settled out. The sump has a removable screened standpipe about 40.6 centimeters (16 inches) high that overflowed into an underground drain line to the process sewer on the east side of the building. A water line discharged directly into the overflow pipe below the screen and was used in the concretion process. This flowing water (flow rate unknown) helped prevent the P-trap from plugging with concrete, which happened at least twice during the operation of the 304 Facility. No radiation detectors were in the process sewer and no routine sampling of the process sewer from the 304 Building occurred. Sampling was done at the outflow from the combined 300 Area process sewer system.

Once a year during the recyclable uranium concretion operation (1971 to 1982), a 3-day sample of the overflow pipe in the sump was taken to calculate a loss factor to the sewer for uranium chips and fines. The highly variable flow rate was calculated by adding a known dilute concentration of lithium nitrate (0.2 pound per gallon) at a known flow rate to the sump for a known sampling time. The change in lithium concentration and time would give the total volume of solution discharged from the sump.

Until March 1975, all waste liquid chemicals in the fuels operation were discharged to the process sewer. Therefore, during the nickel-plating pilot plant operation (late 1950's to mid-1960's), waste chemicals from this operation in the 304 Facility would have entered the process sewer. Routine discharges of chemicals to the process sewer were terminated after March 1975.

During concretion operations, the water that covered the uranium chips and fines, and 5 percent beryllium/zircaloy-2 chips in the incoming drums, were drained into the process sewer after passing through the sump to settle out entrained solids. The water covering the chips and fines would have contained an unknown amount of cutting fluid from the lathe operations. Four different types of cutting fluids were used.

In the summer of 1988, spent halogenated solvents consisting of perchlorethylene, 1,1,1-trichloroethane, and rinse water used in degreasing tanks in the fuels manufacturing process were stored at the 303-K and then moved to the 304 Facility for repackaging. Included in this repackaging effort was waste from the 300 Area paint and sign shop. Repackaging was accomplished by placement into new containers along with absorbent material. The containers were returned to the 303-K Facility. Handling and storage time for these spent solvents at the 304 Facility was less than 90 days. Ethyl acetate-bromine solutions generated from laboratory analysis work for uranium were occasionally mixed with the degreaser solvents. No spills were reported during this operation.

It is recognized that several factors associated with operations may have resulted in contamination of the 304 Facility. These factors include use of the building to house pilot plants, concretion operations, the occurrence of a billet fire in 1977, repackaging of spent solvents and ethyl acetate-bromine solutions, and storage of spent counterbore lathe coolant inside the building and on the outside storage pad.

One final concretion was run at the 304 Facility during the mid-1990's. This concretion run was used to treat and stabilize pyrophoric material generated during the final disassembly and removal of the fuels processing equipment. Prior to starting the final concretion run, all floor drains were to be plugged to prevent the entry of water. The concretion was done in the disposal containers to eliminate the need to use the cement mixer.

Associated Structures:

Units associated with this site include the 304 Storage Area, the 300 Area Process Sewer, and internal process equipment.

Site Comment:

The TSD activities of this unit were clean-closed in accordance with the Washington Administrative Code. Ecology accepted the closure certification for this site on November 30, 1995. Closure activities leading to the clean closure of this facility are reported in 304 Concretion Facility Closure Activities and Data Evaluation Report, WHC-SD-EN-TI-301, Rev 0, September, 1995.

Residual radioactive contamination is still present in the facility. In 1989 (and again in 1998), uranium contamination areas were covered with two layers of enamel paint. Two paint colors were specified, safety yellow and dixie gray. The yellow paint was applied to the surface first to act as a warning indicator. The gray paint was applied as the top coat. In late 1989, all holes and joints in the building were sealed to prevent further contamination spread outside the building.

The 304 Concretion Facility and 304 Storage Area were clean closed for hazardous constituents only. The residual radioactive contamination within the building is documented as WIDS site 300-249, 304 Building. The uranium contamination on the pad and in the soil surrounding the facility is documented as WIDS site 300-43, Unplanned Release Outside the 304 Building.

Cleanup Activities:

The cleanup and closure strategy for the site was to decontaminate the interior of the 304 Building to remove known or suspected contamination, then to sample for the constituents of concern, and then to perform data analysis, with an evaluation to determine the required actions to meet closure criteria. Criteria for the 304 Concretion Facility was that the concentrations of potentially dangerous constituents treated, stored, or used not be present above the regulatory cleanup levels. If the potentially dangerous constituents are above action levels, then the evaluation was to determine the actions required. The evaluations could consider the type and extent to which the action levels were exceeded, and an assessment of health based risks. Generally, if the decontamination for dangerous constituents was not effective, the appropriate building section, floor, or pad was to be removed and properly disposed of as mixed waste. The radiological contamination at the 304 Concretion Facility was not addressed by the closure plan.

Phase I Decontamination was to vacuum to remove any loose contamination. Areas excluded from decontamination were the changeroom interior, all exterior surfaces of the 304 Building, and the exterior concrete and asphalt pads. All areas within the facility were vacuumed. No unusual incidents occurred.

Phase II decontamination was to damp wipe decontamination with a detergent solution to remove surface contamination. There were two areas that could not be decontaminated successfully, the sump and the trench. In both areas, the concrete on the sides and floor crumbled as it was wiped. The crumbling of the concrete prevented effective decontamination. There were approximately 75 millimeters (3 inches) of cement dust, sand, and chunks of semi-consolidated cement. The source of the sump material was the past concretion operations that used water to wash metallic fines and lose cement powder into the sump where the fines settled out. Both areas contained sampling points that were used to determine if any of the constituents of concern were present.

The facility connection to the Process Sewer is not part of the TSD (per the Closure plan).

Under Section 8.2 Postclosure Care of the 304 Concretion Facility Closure Plan (DOE/RL-90-03), the document states that the underlying soils and groundwater might have been contaminated by waste generated during past practice operations in the 300 Area. All soil remediation will take place under the CERCLA remedial action process (WIDS Site 300-43). If the soil within the 304 Facility boundary is found to be contaminated from operations conducted in the 304 Facility, the 304 Facility will not be considered closed until the remediation under CERCLA is complete.

Release Description:

During concretion operations, the 304 Facility floor was washed down daily with water. Because the steel walls of the main building were not sealed to the concrete wall base until 1989, and there were numerous small holes in the walls, rinse water splashing against the steel walls might have carried contamination out of the building. In addition, there were no berms at the north and south doors to stop washdown water from leaving the building. The north fenced pad does not have a berm to contain spills or precipitation. The north sliding door normally was left open to allow forklift traffic for container transport.

A billet fire in 1977 may have contributed to the spread of contamination within the building. In August 1977, high temperatures inside the 304 Facility (resulting from the failure of the cooling system) caused six concrete billets in 28.4 liter (7.5 gallon) containers to ignite. Uranium oxide and small amounts of zirconium oxide and copper oxide were formed by the burning billets. Cleanup water was drained through the drainage trenches into the process sewer. After the 1977 fire, concrete billets were cured initially in cold water cooling pans before being transported to the 303-K Facility where the final curing process took place.

Release Potential Description:

Uranium contamination is present on surfaces inside the building, and on areas around the building. Interior surfaces have been painted to fix contamination, and several areas outside the building have been asphalted or painted to prevent the spread of contamination. Intrusive activities can potentially spread or release contamination.

In late 1989, to prevent future contamination outside the building, the holes and joints in the building walls were sealed with Butvar Aqueous Dispersion BR, 3-6548 Silicone RTV Foam, Part A and B, and DAP Acrylic Latex Caulk with Silicone.

Environmental Monitoring Description: According to the 304 Concretion Facility Closure Plan, during the period between closure and soil remediation under CERCLA, the 304 Facility area would be inspected weekly at a minimum. The inspection would be combined with 304 Facility inspections presently conducted. The inspections would determine the need for maintenance of any temporary covers or other physical barriers.

Airborne uranium release monitoring was performed during operation of the site.

- References:**
1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
 2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 3. 8/95, 304 Concretion Facility Closure Activities and Data Evaluation Report, WHC-SD-EN-TI-301, Rev 0.
 4. 11/30/93, 304 Concretion Facility Closure Plan, DOE/RL-90-03, Rev 2A.
 5. E. A. Weakley, 10/22/76, United Nuclear Industries, Inc.: History and Status of Environmental Improvements for Fuels Production Division, UNI-652.
 6. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.
 7. James E. Rasmussen, Jim M. Steffen, 11/30/95, Transmittal of Part A, Form 3, for Clean Closed 304 Concretion Facility (TSD: TS-3-2), CCN 9600174; 96-PCA-088; AR 0042841, Rev 4.
 8. Hulstrom, L. C., 9/3/98, Meeting Minutes: RCRA/CERCLA Interface for Closure of the 300 Area Waste Acid Treatment System, CCN 061571.
 9. Hulstrom, L. C., 8/13/98, Meeting Minutes: 300-FF-2 RCRA/CERCLA Integration Discussions, CCN 061553.
 10. J. G. Adler, 11/18/94, Phase I Sampling and Analysis Plan for the 304 Concretion Facility Closure Activities, WHC-SD-EN-AP-177, Rev 1.
 11. Mike Wilson, 11/30/95, Acceptance of the Closure Certification for the 304 Concretion Facility.

Dimensions:

Length:	14.69 Meters	48.20 Feet
Width:	8.02 Meters	26.30 Feet

Site Shape: Rectangle

Comment: These are the dimensions of the main 304 Concretion Facility.

References: 1. 11/30/93, 304 Concretion Facility Closure Plan, DOE/RL-90-03, Rev 2A.

Length:	4.91 Meters	16.10 Feet
Width:	3.72 Meters	12.20 Feet

Site Shape: Rectangle

Comment: These are the dimensions of the 304 Concretion Facility Change Room.

References: 1. 11/30/93, 304 Concretion Facility Closure Plan, DOE/RL-90-03, Rev 2A.

Regulatory Information:**Programmatic Responsibility**

DOE Program:	EM-60	Confirmed By Program:	Yes
DOE Division:	TPD - Transition Program Division		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	216/218 Permit:	No
----------------------------	-----	------------------------	----

RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	Yes	State Waste Discharge Permit:	No
TSD Number:	TS-3-2	Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency:	Ecology
Unit Category:	Treatment, Storage and Disposal (TSD)
TPA Appendix:	B

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document: Closure Letter
Closure Type: Clean Closure

Post Closure Requirements:

Soil Remediation Surveillance	Residual Waste:	Yes
	New Site Code:	300-249

Waste Information:

Type:	Chemicals	Amount:	20,000.00
Category:	Radioactive	Units:	Gallons Per Year
Physical State:	Solid and liquid		
Start Date:	1952	End Date:	1988

Description: Radiological contamination (derived from building concretion and plating activities) on surfaces and in building piping may still be present. Hazardous wastes were addressed in the facilities RCRA closure plan.

The waste sources are described below.

Beryllium/zircaloy-2 alloy and zircaloy-2 chips and fines that were stored temporarily at the 303-K Facility were concreted into containers to reduce their ignitability.

From 1985, spent counterbore lathe coolant (an aqueous synthetic lubricant) from lathes in the 333 Building was stored at the 303-K Facility until it could be used as makeup water in the 304 Facility cement mixer during concretion of chips and fines. The coolant was a nonregulated material. The spent counterbore lathe coolant used for makeup water for concretion in the 304 Facility was Polar chip 350L, which was diluted with water 20 to 1. Besides uranium, copper-silicon alloy, zircaloy-2 alloy, and graphite particulates, the only potential contaminant in the lathe coolant was AW Hydraulic Oil 32, used in the counterbore lathe.

Once a year during the recyclable uranium concretion operation (1971 to 1982), a 3-day sample of the overflow pipe in the sump was taken to calculate a loss factor to the sewer for uranium chips and fines. The highly variable flow rate was calculated by adding a known dilute concentration of lithium nitrate 0.34 kilograms per liter (0.2 pounds per gallon) at a known flow rate to the sump for a known sampling time. The change in lithium concentration and time would give the total volume of solution discharged from the sump. No routine sampling of the process sewer from the 304 Building occurred.

Until March 1975, all waste liquid chemicals in the fuels operation were discharged to the process sewer. Therefore, during the nickel-plating pilot plant operation (late 1950's to mid-1960's), waste chemicals from this operation in the 304 Facility would have entered the process sewer.

During concretion operations, the water that covered the uranium chips and fines, and 5 percent beryllium/zircaloy-2 chips in the incoming drums, were drained into the process sewer after passing through the sump to settle out entrained solids. The water covering the chips and fines would have contained an unknown amount of cutting fluid from the lathe operations. Four different cutting fluids were used.

In the summer of 1988, spent halogenated solvents consisting of perchloroethylene, 1,1,1-trichloroethane, and rinse water used in degreasing tanks in the fuels manufacturing process were stored at the 303-K Facility and then moved to the 304 Facility for repackaging. Occasionally, Ethyl acetate-bromine solutions generated from laboratory analysis work for uranium was mixed with degreaser solvents.

The maximum estimated inventory of containerized waste stored at the 304 Facility at any time was 40 containers. This total includes container sizes (not including overpacks) of 55, 30, and 7.5 gallons. Some of these containers contained labpacks, some were partially filled, and some were full. Up to 10 208 liter (55 gallon) containers could be concreted each day. An average of 9071.8 kilograms (20,000 pounds) of dangerous waste was concreted each year. The maximum amount stored inside was 2082 liters (550 gallons).

- References:**
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 2. 11/30/93, 304 Concretion Facility Closure Plan, DOE/RL-90-03, Rev 2A.

Field Work:

Type: Site Walkdown

Begin Date: 11/03/1998

Field Crew: Tim Johnson, John Remaize

End Date: 11/03/1998

Purpose: Site verification

Comment: The building was empty at the time of the inspection. No lighting was available. Fixed radiological contamination was observed.

Site Cover:

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

- References:**
1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 1/1/86

Pathname: \\bhi002\esd-img\300\1055\1055_01.jpg

Description: This image shows the concretion unit inside the 304 Building. Negative # 8604309-1CN.

Date Taken: 1/1/86

Pathname: \\bhi002\esd-img\300\1055\1055_02.jpg

Description: This image shows the 304 Building and the adjacent storage area. The soil around the edge of the building is contaminated with uranium. Negative # 8605309-7CN.

Date Taken: 11/3/98

Pathname: \\bhi002\esd-img\300\1055\1055_03.JPG

Description:	View inside the 304 building.
Date Taken:	11/3/98
Pathname:	\\bhi002\esd-img\300\1055\1055_04.JPG
Description:	View inside the 304 building. The concretion unit has been removed.

Waste Site Reclassification Form

Date Submitted: 10/7/1999 Originator: Jeff Shearer, H0-20 Phone: (509) 372-9348	Operable Unit(s): 300-FF-2 Waste Site ID: 304 CF Type of Reclassification Action: <div style="display: flex; justify-content: space-between;"> Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/> </div>	Control Number: 99-094
--	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 304 Concretion Facility consisted of a container storage area and a concretion system used to treat mixed waste and recyclable uranium scrap. The unit is located in the northwestern 300 Area on the south side of Ginko Street across from the 303-K, 314, and 313 Buildings. The cleanup and closure strategy for the site was to decontaminate the interior of the 304 Building to remove known or suspected contamination, then to sample for the constituents of concern, and then to perform data analysis, with an evaluation to determine the required actions to meet closure criteria. Closure activities leading to the clean closure of this facility are reported in 304 Concretion Facility Closure Activities and Data Evaluation Report, WHC-SD-EN-TI-301, Rev 0, September, 1995.

The residual radioactive contamination within the building is documented as WIDS site 300-249, 304 Building. The uranium contamination on the pad and in the soil surrounding the facility is documented as WIDS site 300-43, Unplanned Release Outside the 304 Building.

Basis for reclassification:

The TSD activities of this unit were clean-closed in accordance with the Washington Administrative Code. Ecology accepted the closure certification for this site on November 30, 1995.

Regulator concurrence with supporting documentation eliminates the need for signatures on this form.

DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
EPA Project Manager	Signature	Date



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

November 30, 1995

Mr. John Wagoner, Manager
U.S. Department of Energy
P.O. Box 550
Richland, WA 99352

Dr. A. Lamar Trego, President
Westinghouse Hanford Company
P.O. Box 1970
Richland, WA 99352

Dear Messrs. Wagoner and Trego:

The Washington State Department of Ecology (Ecology) accepts the closure certification for the 304 Concretion Facility (TS-3-2), finding it to fulfill the requirements of the Washington Administrative Code (WAC) 173-303-610(6). This unit closure was conducted in accordance with WAC 173-303-610(2) closure performance standards and the closure requirements contained in Part V, Chapter 11, of the Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste (Permit Number WA 7890008967). Cleanup levels of the Model Toxics Control Act 173-340, Method B, and Hanford Site Background have been met, allowing this unit to clean close.

Clean closure releases the owner and co-operators from the requirements of the Resource Conservation and Recovery Act for this unit. You are, therefore, requested to resubmit the Form 3 of the Part A for this unit stamped "CLOSED, as of this date." In future modifications of the Facility Wide Permit, Ecology will indicate this unit was clean closed as of this date at the following three locations:

- In the Table of Contents, Part V, for the 304 Concretion Facility
- In Attachment 27 (Permit Modification Schedule) at the 304 Concretion Facility entry
- On the first page of Chapter 11 of Part V

If you have any questions or concerns, please call Moses Jaraysi at (509) 736-3016.

Sincerely,

Mike Wilson, Manager
Nuclear Waste Program

MW:SM:

cc: James Rasmussen, USDOE
Ellen Martin, USDOE
Douglas Sherwood, EPA

Fred Ruck, III, WHC
Russel Jim, YTN
Donna Powauke, NPT

Administrative Record

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 304 SA

Site Reclassification Status: Closed Out

Page 1

Site Names: 304 SA, 304 Storage Area, 304 Building Storage Area

Site Type: Storage

Start Date: 1972

Status: Inactive

End Date: 1986

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593801.688

(N) 116075.469

Washington State Plane

Site Description: The 304 Storage Area is a concrete pad surrounded by asphalt on two sides.

Location Description: The unit is located in the northwestern 300 Area on the south side of Ginko Street across from the 303-K, 314, and 313 Buildings. The storage area is located on the north side of the 304 Building.

Process Description: The storage area was used to store potentially contaminated wastes generated in the fuel fabrication process.

Associated Structures: The unit is associated with the 304 Concretion Facility (WIDS Site 304 CF).

Site Comment: The TSD activities of this unit were clean-closed in accordance with the Washington Administrative Code. Ecology accepted the closure certification for this site on November 30, 1995. Closure activities leading to the clean closure of this facility are reported in 304 Concretion Facility Closure Activities and Data Evaluation Report, WHC-SD-EN-TI-301, Rev 0, September, 1995.

The 304 Concretion Facility and 304 Storage Area were clean closed for hazardous constituents only. The residual radioactive contamination within the building is documented as WIDS site 300-249, 304 Building. The uranium contamination on the pad and in the soil surrounding the facility is documented as WIDS site 300-43, Unplanned Release Outside the 304 Building.

Release Potential Description: Contaminated surfaces have been covered by two layers of enamel paint. Intrusive activities may spread contamination.

Access Requirements: Rad Worker II Training

References:

1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 8/95, 304 Concretion Facility Closure Activities and Data Evaluation Report, WHC-SD-EN-TI-301, Rev 0.
4. 11/30/93, 304 Concretion Facility Closure Plan, DOE/RL-90-03, Rev 2A.
5. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.
6. James E. Rasmussen, Jim M. Steffen, 11/30/95, Transmittal of Part A, Form 3, for Clean Closed 304 Concretion Facility (TSD: TS-3-2), CCN 9600174; 96-PCA-088; AR 0042841, Rev 4.
7. J. G. Adler, 11/18/94, Phase I Sampling and Analysis Plan for the 304 Concretion Facility Closure Activities, WHC-SD-EN-AP-177, Rev 1.
8. Mike Wilson, 11/30/95, Acceptance of the Closure Certification for the 304 Concretion Facility.

Site Hazards:

Hazard Type: Radiological

Status: Posted

Date: 10/13/97

Description: Radiological Hazards

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Dimensions:

Length: 6.92 Meters 22.70 Feet

Width: 5.94 Meters 19.50 Feet

Site Shape: Rectangle

References: 1. 11/30/93, 304 Concretion Facility Closure Plan, DOE/RL-90-03, Rev 2A.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-60 Confirmed By Program: Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	Yes	State Waste Discharge Permit:	No
TSD Number:	TS-3-2	Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: Ecology
Unit Category: Treatment, Storage and Disposal (TSD)
TPA Appendix: B

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document: Closure Letter
Closure Type: Clean Closure

Post Closure Requirements:

Residual Waste: Yes
New Site Code: 300-249

Waste Information:

Type: Barrels/Drums/Buckets/Cans
Category: Radioactive
Physical State: Solid
Start Date: 1972

End Date: 1986

Description: No wastes are currently stored at the site. The area was previously used to store containers of potentially contaminated waste generated in the fuel fabrication process. The site was RCRA clean closed in 1995. Radiological contamination may be present on pad surfaces and in the surrounding soil.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 11/03/1998

Field Crew: Tim Johnson, John Remaize

End Date: 11/03/1998

Purpose: Site verification

Comment: Site has fixed radiological contamination.

Site Cover: Concrete

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 1/1/86

Pathname: \\bhi002\esd-img\300\1056\1056_01.JPG

Description: This image shows the 304 Building and the adjacent storage area. The soil around the edge of the building is contaminated with uranium. Negative # 8605309-7CN.

Date Taken: 11/3/98

Pathname: \\bhi002\esd-img\300\1056\1056_02.JPG

Description: The photo shows a view of 304 SA site.

Waste Site Reclassification Form

Date Submitted: 1/18/2000	Operable Unit(s): 300-FF-2	Control Number: 2000-01
Originator: Jeff Shearer, H0-20	Waste Site ID: 304 SA	
Phone: (509) 372-9348	Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Form Status: Approved

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 304 Storage Area is a concrete pad surrounded by asphalt on two sides. The storage area is located on the north side of the 304 Building. It was used to store potentially contaminated wastes generated in the fuel fabrication process. Contaminated surfaces have been covered by two layers of enamel paint. The storage area was permitted as part of the 304 Concretion Facility RCRA TSD unit. Closure activities leading to the clean closure of the 304 Storage Area are reported in the 304 Concretion Facility Closure Activities and Data Evaluation Report, WHC-SD-EN-TI-301, Rev 0, September, 1995.

The uranium contamination on the pad and in the soil surrounding the facility is documented as WIDS site 300-43, Unplanned Release Outside the 304 Building.

Basis for reclassification:

The TSD activities of this unit were clean-closed in accordance with the Washington Administrative Code. Ecology accepted the closure certification for this site on November 30, 1995.

Regulator concurrence with supporting documentation eliminates the need for signatures on this form.

_____ DOE Project Manager	_____ Signature	_____ Date
_____ Ecology Project Manager	_____ Signature	_____ Date
_____ EPA Project Manager	_____ Signature	_____ Date



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

November 30, 1995

Mr. John Wagoner, Manager
U.S. Department of Energy
P.O. Box 550
Richland, WA 99352

Dr. A. Lamar Trego, President
Westinghouse Hanford Company
P.O. Box 1970
Richland, WA 99352

Dear Messrs. Wagoner and Trego:

The Washington State Department of Ecology (Ecology) accepts the closure certification for the 304 Concretion Facility (TS-3-2), finding it to fulfill the requirements of the Washington Administrative Code (WAC) 173-303-610(6). This unit closure was conducted in accordance with WAC 173-303-610(2) closure performance standards and the closure requirements contained in Part V, Chapter 11, of the Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste (Permit Number WA 7890008967). Cleanup levels of the Model Toxics Control Act 173-340, Method B, and Hanford Site Background have been met, allowing this unit to clean close.

Clean closure releases the owner and co-operators from the requirements of the Resource Conservation and Recovery Act for this unit. You are, therefore, requested to resubmit the Form 3 of the Part A for this unit stamped "CLOSED, as of this date." In future modifications of the Facility Wide Permit, Ecology will indicate this unit was clean closed as of this date at the following three locations:

- In the Table of Contents, Part V, for the 304 Concretion Facility
- In Attachment 27 (Permit Modification Schedule) at the 304 Concretion Facility entry
- On the first page of Chapter 11 of Part V

If you have any questions or concerns, please call Moses Jaraysi at (509) 736-3016.

Sincerely,

Mike Wilson, Manager
Nuclear Waste Program

MW:SM:

cc: James Rasmussen, USDOE
Ellen Mattlin, USDOE
Douglas Sherwood, EPA

Fred Ruck, III, WHC
Russel Jim, YIN
Donna Powaukee, NPT

Administrative Record



Waste Information Data System

General Summary Report

3/2/1999

Site Code: 311 MT1

Site Reclassification Status: Closed Out

Page 1

Site Names: 311 MT1, 311 Methanol Tank 1, 311 Tank Farm Underground Methanol Tank #1, 311-1

Site Type: Storage Tank

Start Date: 1955

Status: Inactive

End Date: 1971

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593906.75

(N) 116122.961

Washington State Plane

Site Description: The former site has been backfilled and is covered with gravel. Prior to removal, the site consisted of a horizontal, flat-ended cylindrical tank.

Location Description: The site is northwest of 303-G and northeast of 303-F.

Process Description: The unit is no longer active and has been removed. While in service the unit stored pure methanol used as a final rinse to remove water from aluminum end caps and cans in the "triple dip" and "lead dip" fuel fabrication processes.

Associated Structures: Structures associated with the tank include the other 311 Methanol Tank (WIDS Site 311 MT2), the 313 Methanol Tank (WIDS Site 313 MT), transfer piping, and the 313 Building. WIDS Site 300-40 (Corrosion of Vitriified Clay Sewer Pipe) is located to the west of the site.

Site Comment: The methanol facilities were installed in the 311 Tank Farm as part of Project CA-514, the 1952 Hanford Expansion Project for 300 Area Production Facilities.

The tank was in use until 1971, when the tank was pumped out and filled with water. The tank was emptied in 1987 and removed on August 30, 1989.

Cleanup Activities: The tank was removed August 30, 1989. This tank and two others (WIDS Sites 311 MT2 and 313 MT) were taken to the Nonradioactive Dangerous Waste Landfill (WIDS Site NRDWL) for storage.

The tank impressions from all three tanks were surveyed with a photo ionization organic vapor detector (HNU Model P1-101). There were no readings. Narrow holes were bored into the sand at suspicious locations. There were no readings. There was no stained soil. Samples (random) were collected at four locations around the tank. The excavation was backfilled on the completion of the tank removal.

Review of the results of soil tests from 311 MT1, 311 MT2, and 313 MT indicates that none of the tanks have leaked.

Release Potential Description: There is no potential for a release at this site.

- References:**
1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
 2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 3. 1962, PILOT PLAN 311 TANK FARM, H-3-17798.
 4. R.C. Roos, I.D. Jacques, D.B. Blumenkranz, 1-22-93, Underground Storage Tank Investigations Logbook, EL-1009.
 5. H. P. Shaw, 1/21/54, 1952 Hanford Expansion - 300 Area Production Facilities, Revision 2, CA-514, HW-29683.
 6. D. B. Encke, 2/13/90, DSI from D. B. Encke to R. G. Shuck on the 311 Methanol Facility.

Dimensions:

Length:	7.32 Meters	24.00 Feet
Diameter:	1.63 Meters	5.35 Feet
Capacity:	15,141.65 Liters	4,000.00 Gallons

Site Shape: Rectangle

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. R.C. Roos, I.D. Jacques, D.B. Blumenkranz, 1-22-93, Underground Storage Tank Investigations Logbook, EL-1009.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-60 **Confirmed By Program:** Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No
Air Operating Permit Number(s):	

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:**Residual Waste:****Waste Information:**

Type: Chemicals
Category: Hazardous/Dangerous
Physical State: Liquid
Start Date: 1955 **End Date:** 1971

Waste Obscured: Soil Overburden**Description:** The unit contained an aqueous solution of methanol. Methanol was used as a drying agent for the aluminum cleaning process. The methanol was pumped from the tank in 1971. The tank was removed in 1989.**References:** 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.**Field Work:****Type:** Analytical Sampling**Begin Date:** 08/31/1989**Field Crew:** Richard Roos**End Date:** 08/31/1989**Purpose:** Characterization**Comment:** The tank was removed and samples numbered 3-101 through 3-104 were collected at random locations in the excavation.**References:** 1. R.C. Roos, 6-13-89, Field Log Book: Underground Storage Tank Removal Soil Characterization, WHC-N-270.**Images:****Date Taken:** 1/21/99**Pathname:** \\bhi002\esd-img\300\1064\1064_03.JPG**Description:** Photo shows the 311 tanks 1 and 2 being removed. Photo number 89083023-2cn.**Date Taken:** 1/19/99**Pathname:** \\bhi002\esd-img\300\1064\1064_01.GIF**Description:** Photo shows the 311 Tank farm in 1989, prior to being excavated.**Date Taken:** 1/19/99**Pathname:** \\bhi002\esd-img\300\1064\1064_02.JPG**Description:** Photo shows the 311 MT 1 and 311 MT 2 tanks being excavated in 1989.

Waste Site Reclassification Form

Date Submitted: 1/5/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 311 MT1 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 99-06
--	---	------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site consisted of a horizontal, flat-ended cylindrical tank. While in service the unit stored pure methanol used as a final rinse to remove water from aluminum end caps and cans in the "triple dip" and "lead dip" fuel fabrication processes. The tank was in use until 1971, when the tank was pumped out and filled with water. The tank was emptied in 1987 and removed on August 30, 1989.

Basis for reclassification:

The tank has been removed. Sampling and visual inspection indicated that the tank had not leaked. The excavation was backfilled on the completion of the tank removal.

<u>Mark R Itahn</u> DOE Project Manager	<u>[Signature]</u> Signature	<u>2/12/99</u> Date
<u>David R. Einar</u> EPA Project Manager	<u>[Signature]</u> Signature	<u>2/12/99</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 311 MT2

Site Reclassification Status: Closed Out

Page 1

Site Names: 311 MT2, 311 Methanol Tank 2, 311 Tank Farm Underground Methanol Tank #2, 311-2

Site Type: Storage Tank

Start Date: 1955

Status: Inactive

End Date: 1971

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593909.25

(N) 116123

Washington State Plane

Site Description: The former site has been backfilled and is covered with gravel. Prior to removal, the site consisted of a horizontal, flat-ended cylindrical tank.

Location Description: The unit is located northwest of 303-G and northeast of 303-F.

Process Description: The unit is no longer active and has been removed. While in service the unit stored used methanol solution generated in the 313 fuel fabrication/final rinse processes, until the solution was de-watered in the still. The de-watered methanol was then added to the 311 Methanol Tank (WIDS Site 311 MT1).

Associated Structures: Structures associated with the tank include the other 311 Methanol Tank (WIDS Site 311 MT1), the 313 Methanol Tank (WIDS Site 313 MT), transfer piping, and the 313 Building. WIDS Site 300-40 (Corrosion of Vitriified Clay Sewer Pipe) is located to the west of the site.

Site Comment: The methanol facilities were installed in the 311 Tank Farm as part of Project CA-514, the 1952 Hanford Expansion Project for 300 Area Production Facilities.

The tank was in use until 1971, when the tank was pumped out and filled with water. The tank was emptied in 1987 and removed on August 30, 1989.

Cleanup Activities: The tank was removed August 30, 1989. This tank and two others (WIDS Sites 311 MT1 and 313 MT) were taken to the Nonradioactive Dangerous Waste Landfill (WIDS Site NRDWL) for storage.

The tank impressions from all three tanks were surveyed with a photo ionization organic vapor detector (HNU Model P1-101). There were no readings. Narrow holes were bored into the sand at suspicious locations. There were no readings. There was no stained soil. Samples (random) were collected at four locations around the tank. The excavation was backfilled on the completion of the tank removal.

Review of the results of soil tests from 311 MT1, 311 MT2, and 313 MT indicates that none of the tanks have leaked.

Release Potential Description: There is no potential for a release at this site.

- References:**
1. 12/29/88, Integration Meeting, between Operable Units Report, Action Plan, and WIDS group to determine site name changes.
 2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
 3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 4. R.C. Roos, I.D. Jacques, D.B. Blumenkranz, 1-22-93, Underground Storage Tank Investigations Logbook, EL-1009.
 5. D. B. Encke, 2/13/90, DSI from D. B. Encke to R. G. Shuck on the 311 Methanol Facility.

Dimensions:

Length:	7.41 Meters	24.30 Feet
Diameter:	1.83 Meters	6.00 Feet
Capacity:	22,712.47 Liters	6,000.00 Gallons

Site Shape: Rectangle

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. R.C. Roos, I.D. Jacques, D.B. Blumenkranz, 1-22-93, Underground Storage Tank Investigations Logbook, EL-1009.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-60 **Confirmed By Program:** Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No
Air Operating Permit Number(s):	

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Chemicals
Category: Hazardous/Dangerous
Physical State: Liquid
Start Date: 1955

End Date: 1971

Waste Obscured: Soil Overburden**Description:** The unit contained an aqueous solution of methanol. Methanol was used as a drying agent for the aluminum cleaning process. The methanol was removed from the tank in 1971. The tank was removed in 1989.**References:** 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.**Field Work:****Type:** Analytical Sampling**Begin Date:** 08/31/1989 **Field Crew:** Roos**End Date:** 08/31/1989**Purpose:** characterization**Comment:** The tank was removed and sample numbers 3-105 through 3-114 were collected at random locations in the excavation.**References:** 1. R.C. Roos, 6-13-89, Field Log Book: Underground Storage Tank Removal Soil Characterization, WHC-N-270.**Images:****Date Taken:** 1/19/99**Pathname:** \\bhi002\esd-img\300\1065\1065_01.GIF**Description:** Photo shows the 311 Tank Farm before it was excavated.**Date Taken:** 1/19/99**Pathname:** \\bhi002\esd-img\300\1065\1065_02.JPG**Description:** Photo shows the 311 MT1 and 311 MT 2 tanks being excavated**Date Taken:** 1/21/99**Pathname:** \\bhi002\esd-img\300\1065\1065_03.JPG**Description:** Photo shows the 311 Tanks 1 and 2 being removed. Photo number 89083023-2cn.

Waste Site Reclassification Form

Date Submitted: 1/5/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 311 MT2 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 99-07
--	---	------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site consisted of a horizontal, cylindrical tank. While in service the unit stored used methanol solution generated in the 313 fuel fabrication/final rinse processes, until the solution was de-watered in the still. The de-watered methanol was then added to the 311 Methanol Tank (311 MT1). The tank was in use until 1971, when the tank was pumped out and filled with water. The tank was emptied in 1987 and removed on August 30, 1989.

Basis for reclassification:

The tank has been removed. Sampling and visual inspection indicated that the tank had not leaked. The excavation was backfilled on the completion of the tank removal.

<i>Mark R Hahn</i> DOE Project Manager	<i>Mark R Hahn</i> Signature	<i>2/12/99</i> Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> EPA Project Manager	<i>David R. Einar</i> Signature	<i>2/12/99</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 313 CRO

Site Classification: Rejected

Page 1

Site Names: 313 CRO, 313 Copper Remelt Operations, 313 Building Copper Remelt Operations

Site Type: Process Unit/Plant

Start Date: 1973

Status: Inactive

End Date: 1988

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593853.25

(N) 116112.07

Washington State Plane

Site Description: The 313 Copper Remelting Operation was performed in the southern end of the 313 Building. The 313 Building is a large structure resting on a reinforced concrete slab floor. The walls are concrete block and structural steel framing. The roof is a precast concrete slab covered in tar and gravel. Interior walls are concrete block or concrete brick.

Location Description: The unit is located in the original (southern) portion of the 313 Building.

Process Description: Copper-silicon alloy scrap materials from the fuel fabrication process were collected, melted, cast, and machined for reuse in the N Reactor Fuel Fabrication operations.

Associated Structures: Structures associated with the unit include furnaces, casting equipment, and machine equipment used in the copper remelting operations.

Site Comment: The copper remelting operation was originally performed from 1968 to 1973 in the 305-B Building. The operation moved to 313 in 1973.

Release Potential Description: The operation ceased in 1988.

Access Requirements: Hazardous Waste Training
Rad Worker II Training

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No 216/218 Permit: No
RCRA Part B Permit: No NPDES: No
Closure Plan: No State Waste Discharge Permit: No
TSD Number: Septic Permit: No

Site Code: 313 CRO

Site Classification: Rejected

Page 2

Air Operating Permit: No

Inert Landfill:

No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Nondangerous/nonradioactive

Physical State: Solid

Start Date: 1973

End Date: 1988

Waste Obscured: Soil Overburden

Description: Copper-silicon alloy scrap materials from the fuel fabrication process were melted, cast, and machined in preparation for recycling. The unit processed 600 pounds (270 kilograms) per day when in operation.

References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	313 CRO	2/11/1999
Site Alias(es):	313 CRO, 313 Copper Remelt Operations, 313 Building Copper Remelt Operations	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.	<input type="radio"/>	<input checked="" type="radio"/>
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y <input type="radio"/> n <input checked="" type="radio"/>		
IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.		
2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y <input type="radio"/> n <input type="radio"/>		
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y <input type="radio"/> n <input type="radio"/>		
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y <input type="radio"/> n <input type="radio"/>		
A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y <input type="radio"/> n <input type="radio"/>		
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.		

Site Code: 313 CRO

2/11/99

3.	Is the unit a waste disposal unit? (Complete Items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>

Comments:

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 313 MT

Site Reclassification Status: Closed Out

Page 1

Site Names: 313 MT, 313 Methanol Tank, 313 Building Underground Methanol Storage Tank

Site Type: Storage Tank

Start Date: 1955

Status: Inactive

End Date: 1971

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593867.688

(N) 116140.031

Washington State Plane

Site Description: The 313 Methanol Tank was removed in 1989. The excavation was backfilled and the floor was patched with concrete. Prior to removal the site consisted of a steel cylindrical tank lying horizontally. The tank was below the floor of the 313 Building.

Location Description: The tank was located below the floor in the southeast portion of the 313 Building.

Process Description: Prior to removal, the tank was used as an emergency dump tank. In case of a fire in the 313 Building, the methanol from the dehydration tanks could be released to the underground tank. The tank was never used for an emergency dump.

Associated Structures: Structures associated with the tank include the 311 Methanol Tank 1 (WIDS Site 311 MT1), the 311 Methanol Tank 2 (WIDS Site 311 MT2), transfer piping, and the 313 Building.

Site Comment: The tank was filled with water in 1971, and emptied in 1987. Six hundred gallons (2,271 liters) of water and 0.7% methanol was removed from the tank. The tank was removed on August 30, 1989.

Cleanup Activities: The tank was removed August 30, 1989. This tank and two others (WIDS Sites 311 MT2 and 311 MT2) were taken to the Nonradioactive Dangerous Waste Landfill (WIDS Site NRDWL) for storage.

The tank impressions from all three tanks were surveyed with a photo ionization organic vapor detector (HNU Model P1-101). There were no readings. Narrow holes were bored into the sand at suspicious locations. There were no readings. There was no stained soil. Samples (random) were collected at four locations around the tank. The excavation was backfilled on the completion of the tank removal.

Review of the results of soil tests from 311 MT1, 311 MT2, and 313 MT indicates that none of the tanks have leaked.

Release Description: No releases have been identified.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. D. B. Encke, 2/13/90, DSI from D. B. Encke to R. G. Shuck on the 311 Methanol Facility.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60

Confirmed By Program: Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Hazardous/Dangerous

Physical State: Liquid

Start Date: 1955

End Date: 1971

Description: From 1971 to 1987 the tank contained an aqueous methanol solution. The tank was removed in 1989. The tank never received an emergency methanol dump.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Analytical Sampling

Begin Date: 08/31/1989

Field Crew: Roos

End Date: 08/31/1989

Purpose: characterization

Comment: The tank was removed and sample numbers 3-115 through 3-119 were collected.

References: 1. R.C. Roos, 6-13-89, Field Log Book: Underground Storage Tank Removal Soil Characterization, WHC-N-270.

Images:

Date Taken: 1/21/99

Pathname:	\\bhi002\esd-img\300\1072\1072_03.JPG
Description:	Photo shows the 313 Methanol Tank being excavated for removal. Photo number 89083023-15cn.
Date Taken:	1/19/99
Pathname:	\\bhi002\esd-img\300\1072\1072_01.JPG
Description:	Photo shows the 313 Methanol Tank being removed.
Date Taken:	1/19/99
Pathname:	\\bhi002\esd-img\300\1072\1072_02.JPG
Description:	Photo shows the 313 Methanol Tank after it was removed.

Waste Site Reclassification Form

Date Submitted: 1/5/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 313 MT Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 99-08
--	--	------------------------------

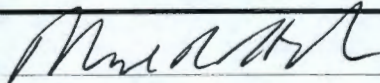
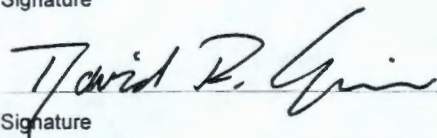
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site consisted of a steel cylindrical tank lying horizontally below the floor of the 313 Building. The tank was to be used as an emergency dump tank. In case of a fire in the 313 Building, the methanol from the dehydration tanks could be released to the underground tank. The tank was never used for an emergency dump. The tank was filled with water in 1971, and emptied in 1987. Six hundred gallons (2,271 liters) of water and 0.7% methanol was removed from the tank. The tank was removed on August 30, 1989.

Basis for reclassification:

The tank has been removed. Sampling and visual inspection indicated that the tank had not leaked. The excavation was backfilled on the completion of the tank removal.

<i>Mark R. Hahn</i> DOE Project Manager	 Signature	2/12/99 Date
Ecology Project Manager	Signature	Date
<i>David R. Egan</i> EPA Project Manager	 Signature	2/12/99 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 313 URO

Site Reclassification Status: Closed Out

Page 1

Site Names: 313 URO, 313 Uranium Recovery Operations, Uranium Recovery Operations

Site Type: Process Unit/Plant

Start Date: 1954

Status: Inactive

End Date: 1997

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593855.812

(N) 116103.758

Washington State Plane

Site Description: In 1997, the 313 Uranium Recovery Operation process equipment and piping were removed and the concrete surfaces scabbled and decontaminated. Past practice sub-floor contamination remains to be addressed as well as the potential for some minor RCRA contributions to subfloor contamination.

Location Description: The unit is located along the north wall of the Uranium Recovery Room in the south end of the 313 Building.

Process Description: The 313 Uranium Recovery Operations (URO) processed uranium-bearing acid wastes from the fuel fabrication processes to recover uranium for recycle. U-bearing acid wastes were received from the 313 Fuels Operations until 1971. From 1961 until shutdown in 1987, U-bearing waste acid solutions were transferred from tank TK-24 in the 333 Building to two outside storage tanks on the west side of the 333 Building. The U-bearing waste acid was pumped from the outside storage tanks via the pipe trench to the 313 Building tanks TK-3 and TK-4 in the Uranium Recovery Room. The uranium was recovered by precipitation and filtration. U-bearing acid waste was metered into TK-7 where sodium hydroxide (from Tanks 5 and 6) was added to neutralize the acid and precipitate uranium as sodium diuranate. The basic slurry was collected in tank TK-8 and pumped through a plate and frame filter (see 313 FP) to remove the uranium. The filtrate was collected in tanks TK-9 and TK-10 for storage and pumping to the 311 Tank Farm via the Pipe Trench. Periodically, the uranium solids were scraped off the removable canvas filter cloth into 30-gallon drums. The drums were taken to the 303-K Facility for storage pending off-site shipment for uranium recycle.

Associated Structures: Facilities associated with the uranium recovery operation include two U-bearing Acid Waste storage tanks located outside the west wall of the 333 Building (flushed and disconnected), U-Bearing Waste Acid Storage tank (333-TK-24) inside the 333 Building (flushed and disconnected), the 311 Tank Farm (sodium hydroxide supply tank and the neutralized acid waste storage tanks TK-40 and TK-50, both flushed and disconnected), the 303-F Building (pumps, in-line filters, piping removed), and the Pipe Trench that contains piping which connected the 313 URO to the other facilities and processes and to the Process Sewer. Tanks 313-TK-5 and 313-TK-6 contained sodium hydroxide used in the neutralization and precipitation process.

Site Comment: Fuel fabrication activities in the 313 Building had ended by 1971. Fuel fabrication continued in the 333 Building until about 1987. From about 1985 until it was removed in 1997, the 313 Filter Press was periodically used to reduce the solids content of neutralized acid waste solutions in Tanks TK-40 and TK-50 prior to trucking the waste from the 311 Tank Farm to the 200 Areas for disposal. The etch acid waste neutralization tank TK-2, the 313 Centrifuge, and the Centrate Receiving Pump Tank TK-11 were removed at the same time as the URO equipment during the Phase 1 closure activities. The trench drain to the process sewer in the Uranium Recovery Room was plugged in 1987.

Cleanup Activities: Tanks TK-5, TK-9, TK-10, and the filter press (WIDS Site 313 FP) are shared equipment with the Waste Acid Treatment System (WATS). This equipment was removed under a Decontamination and Inspection Plan for Phase 1 WATS closure activities. Ecology inspected the 313 WATS area in October 1997 and concurred that the work was completed in accordance with the Phase 1 Plan. All other 313 URO equipment was also removed in 1997.

Release Description: See the WIDS site that describes the unplanned releases (WIDS Site UPR-300-38) associated with this area. All of the RCRA/CERCLA releases identified for the soils in this area will be addressed as part of UPR-300-38. Also see WIDS Site UPR-300-44 which involved a leak in a section of the process sewer line that was detected in January 1985. This leak in the process sewer line downstream from the 313 URO could have allowed uranium-bearing waste spills to have reached the ground beneath the process sewer. Also see WIDS Site UPR-300-45, a waste transfer line leak to the pipe trench between the 313 URO and the 303-F Building. Because the pipe trench bottom has holes in it, this site leaked to the soil column.

References:

1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Greta P. Davis, 3/3/98, Washington State Department of Ecology (Ecology) Letter to James E. Rasmussen, dated February 4, 1998.
4. Scott N. Luke, 12/96, Decontamination and Inspection Plan for Phase 1 Closure of the 300 Area Waste Acid Treatment System, WHC-SD-ENV-AP-001.
5. Hulstrom, L. C., 9/3/98, Meeting Minutes: RCRA/CERCLA Interface for Closure of the 300 Area Waste Acid Treatment System, CCN 061571.
6. Hulstrom, L. C., 8/13/98, Meeting Minutes: 300-FF-2 RCRA/CERCLA Integration Discussions, CCN 061553.

References: 1. Scott N. Luke, 12/96, Decontamination and Inspection Plan for Phase 1 Closure of the 300 Area Waste Acid Treatment System, WHC-SD-ENV-AP-001.

Lead Regulatory Agency:	EPA
Unit Category:	Decontamination & Decommissioning (D&D)
TPA Appendix:	

Remediation and Closure**Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Equipment**Category:** Mixed**Physical State:** Solid**Start Date:** 1954**End Date:** 1997**Description:** The equipment contained uranium-bearing acid wastes from fuel fabrication processes that were used to treat and recover uranium. All contaminated equipment was removed from the facility.**References:** 1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.

Waste Site Reclassification Form

Date Submitted: 2/5/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 313 URO Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 99-016
--	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

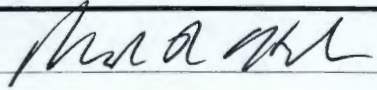
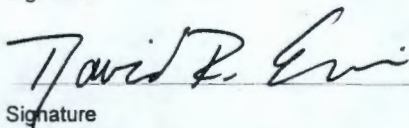
Description of current waste site condition:

The 313 Uranium Recovery Operations (URO) processed uranium-bearing acid wastes from the fuel fabrication processes to recover uranium for recycle. U-bearing acid wastes were received from the 313 Fuels Operations until 1971. From 1961 until shutdown in 1987, U-bearing waste acid solutions were transferred from tank TK-24 in the 333 Building to two outside storage tanks on the west side of the 333 Building. The U-bearing waste acid was pumped from the outside storage tanks via the pipe trench to the 313 Building tanks TK-3 and TK-4 in the Uranium Recovery Room. The uranium was recovered by precipitation and filtration. U-bearing acid waste was metered into TK-7 where sodium hydroxide (from Tanks 5 and 6) was added to neutralize the acid and precipitate uranium as sodium diuranate. The basic slurry was collected in tank TK-8 and pumped through a plate and frame filter (see 313 FP) to remove the uranium. The filtrate was collected in tanks TK-9 and TK-10 for storage and pumping to the 311 Tank Farm via the Pipe Trench. Periodically, the uranium solids were scraped off the removable canvas filter cloth into 30-gallon drums. The drums were taken to the 303-K Facility for storage pending off-site shipment for uranium recycle.

Basis for reclassification:

In 1997, the 313 Uranium Recovery Operation process equipment and piping were removed and the concrete surfaces scabbled and decontaminated. Past practice sub-floor contamination remains to be addressed as well as the potential for some minor RCRA contributions to subfloor contamination. These will be addressed as part of UPR-300-38.

Tanks TK-5, TK-9, TK-10, and the filter press (WIDS Site 313 FP) are shared equipment with the Waste Acid Treatment System (WATS). This equipment was removed under a Decontamination and Inspection Plan for Phase 1 WATS closure activities. Ecology inspected the 313 WATS area in October 1997 and concurred that the work was completed in accordance with the Phase 1 Plan. All other 313 URO equipment was also removed in 1997.

<i>Mark R. Hahn</i> DOE Project Manager	 Signature	2/12/99 Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> EPA Project Manager	 Signature	2/12/99 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 315 RSDF

Site Reclassification Status: Rejected

Page 1

Site Names: 315 RSDF, 315 Retired Sanitary Drain Field

Site Type: Drain/Tile Field

Start Date: 1950

Status: Inactive

End Date: 1978

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594497.875

(N) 115796.289

Washington State Plane

Site Description: The 315 RSDF is an abandoned septic tank and drain field. The location shown by maps and drawings is not marked in the field. The site is covered with a surface of gravel and cobbles and no vegetation. There are manhole covers with protective posts located in close proximity to the abandoned septic tank/drain field.

Location Description: The site is located in the eastern portion of the 300 Area, northeast of the 315 Water Filter Plant.

Process Description: The 315 RSDF received sanitary waste that originated in the 315 Water Filter Plant.

Associated Structures: The site was associated with the 315 Water Filter Plant Sanitary Sewer.

Site Comment: The system was abandoned in 1978 when the sanitary sewer was routed to the 3906 Lift Station.

Release Potential Description: No radiological materials were used in 315 Building. Some water treatment chemicals may have been discharged to the system.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. 11/9/98, Field Logbook for Les Walker, EL-1488.

Dimensions:

Length: 15.24 Meters 50.00 Feet

Capacity: 1,892.71 Liters 500.00 Gallons

Comment: The abandoned septic tank had a capacity of 1892 liters (500 gallons), connected to a meter 15.2 meter (50 foot) drain field.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible

Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency:	EPA
Unit Category:	Septic
TPA Appendix:	Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Start Date: 1950

End Date: 1987

Description: The unit received unknown amounts of sanitary wastes from the 315 Water Filter Plant.

The authors of the 300-FF-2 Operable Unit Technical Baseline Report speculated that water treatment chemicals may have been discharged to the site, but no supporting documentation for this has been found. According to Jim Day, Dyncorp Water Utilities and Support Services, the only chemicals used at the facility were alum (nonhazardous) and chlorine gas.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. Jeff Shearer with Jim Day, Dyncorp Utilities, 12/29/98, Telecon: Chemicals Used at 315.

Field Work:

Type: Site Walkdown

Begin Date: 11/18/1998

Field Crew: L.D. Walker

End Date: 11/18/1998

Purpose: Site verification

Comment:	The site can be located by using detailed maps and archive engineering drawings, but there is no site specific marker in the field.		
Site Cover:	Gravel or Rock		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No
Soil Texture:	Gravel/Cobble (50% Gravel, 50% Cobble)		
References:	1. 11/9/98, Field Logbook for Les Walker, EL-1488.		

Images:**Date Taken:** 11/18/98**Pathname:** \\bhi002\esd-img\300\1075\1075_01.JPG**Description:** This photo shows a manhole cover in the gravel yard northeast of the 315 Water Filter Plant. This is related to the site sewer system which replaced the septic tank and drain field.**Date Taken:** 11/18/98**Pathname:** \\bhi002\esd-img\300\1075\1075_02.JPG**Description:** This view looks south with the 315 Water Filter Plant in the background. The 315 Retired Sanitary Drain Field consists of an abandoned septic tank and tile drain field under the gravel yard in the foreground. The manhole covers with protective posts are associated with the sewer system which replaced the septic tank and drain field.**Date Taken:** 11/18/98**Pathname:** \\bhi002\esd-img\300\1075\1075_03.JPG**Description:** This photo shows the view from the 315 Water Filter Plant looking northeast across the gravel covering the septic tank and tile drain field. The manhole cover in the foreground is related to the sewer system which replaced the septic tank and drain field.

Waste Site Reclassification Form

Date Submitted: 12/29/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 315 RSDF Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98- 252
--	--	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 315 RSDF is an abandoned septic tank and drain field. The site is located in the eastern portion of the 300 Area, northeast of the 315 Water Filter Plant. The location shown by maps and drawings is not marked in the field. The site is covered with a surface of gravel and cobbles and no vegetation. There are manhole covers with protective posts located in close proximity to the abandoned septic tank/drain field. The system was abandoned in 1978 when the sanitary sewer was routed to the 3906 Lift Station.

Basis for reclassification:

The septic tank and drainfield received sanitary sewage. The Technical Baseline Report (BHI-00012) speculated that the system may have also received water treatment chemicals from the 315 Water Filter Plant. Thus, the site was accepted into WIDS as a waste disposal unit where hazardous wastes may have been disposed. No supporting documentation has been located that confirms this statement. New information from personnel at the Water Filter Plant is that the only water treatment chemicals used at the plant were alum (nonhazardous) and chlorine gas. No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site.

<i>ST Bureau</i>	<i>Steve T. Bureau</i>	<i>1/27/99</i>
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i>	<i>David R. Einar</i>	<i>27 Jan 99</i>
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code:	333 ESHTSSA	Site Reclassification Status:	Rejected	Page	1
Site Names:	333 ESHTSSA, 333 East Side Heat Treat Salt Storage Area				
Site Type:	Storage	Start Date:	1964		
Status:	Inactive	End Date:	1987		
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	593998.312		
		(N)	116191.305		
		Washington State Plane			
Site Description:	The 333 ESHTSSA is an inactive storage area. The site included various locations inside the 333 fence where heat-treat salts were stored. It is now an open paved area near the southeast corner of the 333 Building. Several areas of the asphalt pavement have been painted over and posted fixed radiological contamination (WIDS Site UPR-300-17).				
Location Description:	The site includes waste stored in the fenced area east of the 333 Building in the northern part of the 300 Area. The heat-treat salts were stored on the paved area near the southeast corner of the building or in the adjacent area located over a portion of the 618-1 Burial Ground.				
Process Description:	The site was used to store containers of solidified heat-treat salt waste from the fuels fabrication facility.				
Associated Structures:	The site is associated with operations in the 333 Building. The site is also associated with the 618-1 Burial Ground since it is located adjacent to and possibly over the southwest corner of the Burial Ground.				
Site Comment:	In the past, materials were stored at a variety of locations east of the building including on the ground. Exact locations of the storage areas are not known.				
References:	1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987. 2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00. 3. 11/9/98, Field Logbook for Les Walker, EL-1488.				

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-60	Confirmed By Program:	Yes
DOE Division:	TPD - Transition Program Division		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Other Storage Area

This Site Was Consolidated With:

618-1, Solid Waste Burial Ground No. 1, 318-1

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit			

**Air Operating Permit
Number(s):****Tri-Party Agreement****Lead Regulatory Agency:** EPA**Unit Category:** CERCLA Past Practice (CPP)**TPA Appendix:****Remediation and Closure****Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Barrels/Drums/Buckets/Cans**Category:** Hazardous/Dangerous**Physical State:** Solid**Start Date:** 1964**End Date:** 1987

Description: This area is no longer used for storing hazardous wastes. In the past, it stored containers of solidified waste heat-treat salts from the Fuels Fabrication Facility. The waste consisted of sodium chloride, potassium chloride, sodium nitrate, and potassium nitrate. Approximately, thirty to fifty 208-liter (55-gallon) drums accumulated each year.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:**Type:** Site Walkdown**Begin Date:** 12/02/1998**Field Crew:** L.D. Walker**End Date:** 12/02/1998**Purpose:** Site verification**Site Cover:** Asphalt**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No

References:

1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Images:**Date Taken:** 12/2/98**Pathname:** \\bhi002\esd-img\300\1092\1092_01.JPG

Description: This photo looks south towards the paved area formerly used to store heat-treat salt waste. The southeast corner of the 333 Building is in the foreground on the right. Note the section of

pavement that is painted gray - this area is posted as having fixed radioactive contamination.

Date Taken: 12/2/98

Pathname: \\bhi002\esd-img\300\1092\1092_02.JPG

Description: This photo looks west, with the southeast corner of the 333 Building in the background. The paved area in the foreground is the former waste storage area. The pavement with gray paint is posted as having fixed radioactive contamination.

Waste Site Reclassification Form

Date Submitted: 2/9/1999 Originator: J. A. Remaize Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 333 ESHTSSA Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-020
---	--	-------------------------------

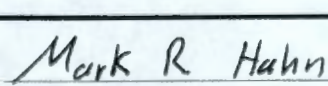
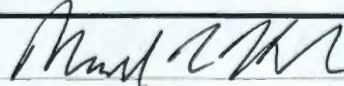
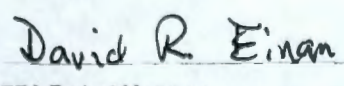
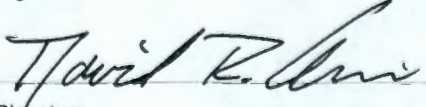
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 333 ESHTSSA is an inactive storage area. The unit included various locations inside the 333 fence where heat-treat salts were stored. It is now an open paved area near the southeast corner of the 333 Building and is located on or adjacent to a portion of the 618-1 Burial Ground. Several areas of the asphalt pavement have been painted over and posted fixed radiological contamination (WIDS Site UPR-300-17).

Basis for reclassification:

This site is a unit that requires cleanup action. It is one of a several sites that are located within the footprint of the 618-1 Burial Ground. This site has been incorporated into the 618-1 Burial Ground waste site that will address the soil contamination in this area. Consolidation of this site with 618-1 to address the soil contamination as a single site is requested.

 Mark R. Hahn DOE Project Manager	 Signature	2/12/99 Date
 David R. Einar EPA Project Manager	 Signature	2/12/99 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 333 LHWSA

Site Reclassification Status: Rejected

Page 1

Site Names: 333 LHWSA, 333 Laydown HWSA, 333 Laydown Hazardous Waste Storage Area

Site Type: Storage Pad (<90 day)

Start Date: 1971

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594008.25

(N) 116245.75

Washington State Plane

Site Description: The 333 LHWSA is a concrete and asphalt pad on the east side of the 333 Building. The unit is within the 333 Building fence, and a second locked fence surrounds the unit. The white conex box in this unit is the location of the present 90-day waste storage area. Currently this conex box is empty. The yellow boxes on the opposite side of the area contain low level radioactive waste.

Location Description: The unit is located east of the 333 Building, within the fence of the 333 Building. The 333 Building is in the northern part of the 300 Area.

Process Description: The area inside the fence was originally a material laydown area. Now this area contains wastes that are segregated into a 90-Day Storage Pad for hazardous wastes and a Radioactive Material Area for low level radioactive waste storage.

Associated Structures: The unit is related to the 333 Building Operations. This site is located over the 618-1 Burial Ground.

Site Comment: Over time there have been several small spills including oils from excess equipment stored at the laydown area. The 90-day waste storage area is now inside a conex box, but at times in the past the 90-day waste storage area was located outside in the general vicinity of the conex box.

The 300-FF-2 Technical Baseline Report (BHI-00012) is written such that this site could be confused with the unit 333 East Side Hazardous Waste Storage Area (333 ESHWSA). Key words are that this site is east of the 333 Building while 333 ESHWSA is northeast of the 333 Building.

Access Requirements: Facility Landlord Escort Required
Hazardous Waste Training
Rad Worker II Training

References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 11/9/98, Field Logbook for Les Walker, EL-1488.

Site Hazards:

Hazard Type: Radiological

Status: Posted

Date: 12/2/98

Description: Radiological Hazards

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60

Confirmed By Program: Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

This Site Was Consolidated With:

618-1, Solid Waste Burial Ground No. 1, 318-1

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category: 90-Day Storage Pad/Satellite Accumulation Area

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Misc. Trash and Debris

Category: Radioactive

Physical State: Solid

Start Date: 1971

Description: The fixed contamination area, i.e., concrete and asphalt, that was the result of storing radioactive materials in the past will be addressed as part of 618-1 Burial Ground. The Burial Ground underlies the 333 LHWSA.

References:

Type: Barrels/Drums/Buckets/Cans

Category: Hazardous/Dangerous

Physical State: Solid and liquid

Start Date: 1971

Description: The area typically contains corrosive and toxic metal wastes.

References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Field Work:

Type: Site Walkdown

Begin Date:	12/02/1998	Field Crew:	L.D. Walker
End Date:	12/02/1998		
Purpose:	Site verification		
Site Cover:	Concrete		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Images:

Date Taken: 12/2/98

Pathname: \\bhi002\esd-img\300\1093\1093_01.JPG

Description: This photo looks southeast towards the gate to the locked waste storage area on the east side of the 333 Building. The white Connex box on the right contains the 90 day storage area for RCRA waste.

Date Taken: 12/2/98

Pathname: \\bhi002\esd-img\300\1093\1093_02.JPG

Description: This photo looks northeast through the gate of the waste area, on the east side of the 333 Building. Boxes of low-level radioactive waste are stored in the background. Beyond these boxes is the south side of the 303M Building.

Waste Site Reclassification Form

Date Submitted: 1/5/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 333 LHWSA Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-05
--	--	------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

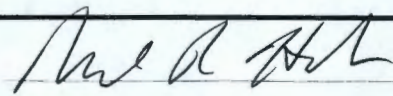
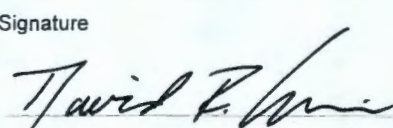
Description of current waste site condition:

The 333 LHWSA is a concrete and asphalt pad on the east side of the 333 Building. The unit is within the 333 Building fence, and a second locked fence surrounds the unit. The white conex box in this unit is the location of the present 90-day waste storage area. Currently this conex box is empty. The yellow boxes on the opposite side of the area contain low level radioactive waste. The site is located over the 618-1 Burial Ground.

Basis for reclassification:

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.I.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

The fixed contamination areas, i.e., concrete and asphalt that may have received several small spills, will be addressed as part of the 618-1 Burial Ground.

<u>Mark R. Hahn</u> DOE Project Manager	<u></u> Signature	<u>2/12/99</u> Date
<u>David R. Einar</u> EPA Project Manager	<u></u> Signature	<u>2/12/99</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code:	335 & 336 RSDF	Site Reclassification Status:	Rejected	Page	1
Site Names:	335 & 336 RSDF, 335 & 336 Retired Sanitary Drain Field				
Site Type:	Drain/Tile Field	Start Date:	1973		
Status:	Inactive	End Date:	1978		
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	594342.25		
		(N)	115739.367		
		Washington State Plane			
Site Description:	<p>The 335 and 336 RSDF is a below grade waste site consisting of a septic tank and drainfield that have been abandoned in place. Only a riser from the septic tank is visible in the field. There is no evidence of a drainfield. The riser is a concrete pipe with an inner diameter of 20.5 centimeters (8.1 inches) covered by a metal grate. The riser is surrounded by metal posts and its top is approximately 18 centimeters (7.1 inches) above grade. The riser is 5.4 meters (17.7 feet) west of the manhole shown on M-3904, sheet 14, that is currently connected to the sanitary sewer. The area around the riser is sandy with some gravel and cobbles. Immediately south of the septic tank is a chained off area that is surrounded by metal posts and plastic chain. Inside the fenced off area are pipes, tanks, old equipment, and concrete and asphalt debris. There are no signs labeling the site or the adjacent chained off area.</p>				
Location Description:	<p>The site is located south of the southwest corner of the 335 Building.</p>				
Process Description:	<p>The unit disposed of sanitary waste generated in the 335 and 336 Buildings.</p>				
Associated Structures:	<p>The site was associated with the 335 and 336 Sanitary Waste Systems. The 335 and 336 Buildings were constructed to house experimental equipment for the study of the properties of sodium and the behavior of mechanical components to be operated in a sodium environment in support of FFTF development (through the late 1970's).</p>				
Site Comment:	<p>The unit has been abandoned in place. The 335 and 336 Buildings are connected to the 300 Area Sanitary Sewer.</p>				
References:	<ol style="list-style-type: none">1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.2. 1962, 300 AREA OUTSIDE LINES SEWERS, M-3904, Sht 14, Rev 21.3. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.				

Dimensions:

Diameter:	0.21 Meters	0.67 Feet
Site Shape:	Circle	
Comment:	The inner diameter of the septic tank riser is 20.5 centimeters.	
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.	

Regulatory Information:

	Programmatic Responsibility	
DOE Program:	EM-60	Confirmed By Program: Yes
DOE Division:	TPD - Transition Program Division	
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company	
	Site Evaluation	
Solid Waste Management Unit:	Yes	

TPA Waste Management Unit Type:**Permitting**

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: Septic
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Sanitary Sewage
Category: Nondangerous/nonradioactive
Physical State: Solid and liquid
Start Date: 1973 End Date: 1978
Description: The unit received unknown amounts of sanitary wastes from the 335 and 336 Buildings.
References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown
Begin Date: 11/17/1998 Field Crew: K.A. Prosser
End Date: 11/17/1998
Purpose: To verify the site location and conditions.
Site Cover: Bare Soil
Site Accessible: No Site Found: Yes
Soil Discoloration: No Debris Visible: No
Soil Texture: Sand (>50%)

Soil Texture:

Comment: The septic tank riser is visible in the field.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/17/98

Pathname: \\bhi002\esd-img\300\1100\1100_01.JPG

Description: This photo shows a close-up of the septic tank riser.

Date Taken: 11/17/98

Pathname: \\bhi002\esd-img\300\1100\1100_02.JPG

Description: This photo looks south near the southwest corner of the 335 Building. The 3621D Building is in the background. The septic tank riser is in the foreground surrounded by yellow metal posts.

Date Taken: 11/17/98

Pathname: \\bhi002\esd-img\300\1100\1100_03.JPG

Description: This photo looks east. The septic tank riser is in the right foreground, the 335 Building is to the left, and the addition to the 336 Building is in the background.

Waste Site Reclassification Form

Date Submitted: 2/5/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 335 & 336 RSDF Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-015
--	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 335 and 336 RSDF is a below grade waste site consisting of a septic tank and drainfield that have been abandoned in place. Only a riser from the septic tank is visible in the field. There is no visible evidence of a drainfield. The riser is a concrete pipe with an inner diameter of 20.5 centimeters (8.1 inches) covered by a metal grate. The riser is surrounded by metal posts and its top is approximately 18 centimeters (7.1 inches) above grade.

Basis for reclassification:

The unit has been abandoned in place. The site received unknown amounts of nondangerous/nonradioactive sanitary sewage. Currently, the 335 and 336 Buildings are connected to the 300 Area Sanitary Sewer.

<u>Mark R. Hahn</u> DOE Project Manager	<u>[Signature]</u> Signature	<u>2/12/99</u> Date
<u>David R. Einar</u> EPA Project Manager	<u>[Signature]</u> Signature	<u>2/12/99</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 340 CHWSA

Site Reclassification Status: Rejected

Page 1

Site Names: 340 CHWSA, 340 Complex HWSA, 340 Complex Hazardous Waste Storage Area

Site Type: Storage Pad (<90 day)

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594169.938

(N) 115919.5

Washington State Plane

Site Description: According to 340 Complex personnel, hazardous waste was staged for less-than-90-day storage at various locations throughout the 340 Complex yard. This includes a small concrete pad to the northeast of 340B, and the asphalt pad to the west of the 340 Building.

Location Description: Waste was staged at various locations inside the 340 Complex Yard.

Process Description: Hazardous waste was stored for less than 90 days at various areas throughout the 340 Complex yard.

Associated Structures: This storage area staged wastes related to 340 Complex operations.

Site Comment: Site personnel do not know when the less-than-90-day storage activities ceased.

Release Description: Per Bob Haggard, WMH Environmental Compliance Officer, there is no evidence of an actual or potential for a hazardous substance release.

Environmental Monitoring Description: Documented daily inspections are performed by operations personnel for the entire 340 complex.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. 2/89, Preliminary Operable Units Designation Project, WHC-EP-0216.
3. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
4. Fred Biebesheimer, 11-19-98, Walkdowns of 300 Area Sites., EL-1492.

Dimensions:

Site Shape: Irregular

Comment: Waste was stored at various locations throughout the 340 complex yard. The exact dimensions of the area used to store waste does not exist.

References: 1. Fred Biebesheimer, 11-19-98, Walkdowns of 300 Area Sites., EL-1492.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 **Confirmed By Program:** Yes

DOE Division: WPD - Waste Program Division

Responsible Contractor/Subcontractor: WMH - Waste Management Federal Services of Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 90-Day Storage Pad/Satellite Accumulation Area
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Barrels/Drums/Buckets/Cans
Category: Nondangerous/nonradioactive
Physical State: Solid
Description: This area is no longer used to stage hazardous waste.
References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Field Work:

Type: Site Walkdown
Begin Date: 11/19/1998 Field Crew: Fred Biebesheimer
End Date: 12/14/1998
Purpose: Field Verification
Comment: The 340 complex was visited to determine where the 340 CHWSA was located. Discussions with various personnel revealed that waste was not stored at any particular spot. At various times, different locations throughout the yard served to stage waste.
References: 1. Fred Biebesheimer, 11-19-98, Walkdowns of 300 Area Sites., EL-1492.

Images:**Date Taken:** 12/10/98**Pathname:** \\bhi002\esd-img\300\1101\1101_01.JPG**Description:** This photo shows a small concrete pad on the east side of the 340B Building where drums were once stored.**Date Taken:** 11/19/98**Pathname:** \\bhi002\esd-img\300\1101\1101_02.JPG**Description:** This photo shows the asphalt pad west of the 340 Building where waste was sometimes stored.

Waste Site Reclassification Form

Date Submitted: 12/16/1998 Originator: R. D. Haggard, H6-25 Phone: (509) 376-3723	Operable Unit(s): 300-FF-2 Waste Site ID: 340 CHWSA Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-249
--	--	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

According to 340 Complex personnel, hazardous waste was staged for less-than-90-day storage at various locations throughout the 340 Complex yard. This includes a small concrete pad to the northeast of 340B, and the asphalt pad to the west of the 340 Building. There is no additional information for this site. It is unknown where the site was specifically located.

Basis for reclassification:

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.1.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

<i>Glenn Richardson</i> DOE Project Manager	<i>Glenn Richardson</i> Signature	<i>01/15/99</i> Date
Ecology Project Manager <i>David R. Eiman</i> EPA Project Manager	Signature <i>David R. Eiman</i> Signature	Date <i>15 Jan 99</i> Date

Waste Information Data System

General Summary Report

2/3/2000

Site Code: 350 HWSA

Site Reclassification Status: Rejected

Page 1

Site Names: 350 HWSA, 350 Building Hazardous Waste Storage Area, 350-D Hazardous Waste Staging Area

Site Type: Storage Pad (<90 day)

Start Date: 1982

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593971.625

(N) 115396.102

Washington State Plane

Site Description: The 350 Hazardous Waste Staging Area is inside the 350-D Building and on an asphalt pad in front of the building.

Location Description: The staging area is located in the northeast corner of the fenced 350 Compound.

Process Description: The staging area is used to temporarily store hazardous wastes. Combustible liquids and PCB containing waste are stored inside the building. Used oil is stored in a 300-gallon (1140-liter) tank behind the 350-D Building. Other waste is stored on the pad in front of the building.

Associated Structures: The unit is associated with the 350 Plant and Operations Facility.

Site Comment: No unplanned releases have occurred at the unit.

Environmental Monitoring Description: Intermittent visual inspections are performed when the staging area contains hazardous waste.

Access Requirements: Hazardous Waste Training

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Site Hazards:

Hazard Type: Chemical

Status: Converted

Date: 10/13/97

Description: Chemicals

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30

Confirmed By Program: Yes

DOE Division: STO - Science & Technology Operations

Responsible

Contractor/Subcontractor: PNNL. Pacific Northwest National Laboratory.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:	Septic Permit:	No
Air Operating Permit: No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency:	EPA
Unit Category:	90-Day Storage Pad/Satellite Accumulation Area
TPA Appendix:	Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Barrels/Drums/Buckets/Cans

Category: Hazardous/Dangerous

Physical State: Solid and liquid

Start Date: 1982

Description: Typically, the area stores corrosive chemicals, used oils and PCB-contaminated oils. Oil containing PCBs from old ballasts is stored inside the 350-D building along with combustible liquids.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Waste Site Reclassification Form

Date Submitted: 2/18/1999 Originator: R. L. Donahoe, H0-17 Phone: (509) 372-9565	Operable Unit(s): 300-FF-2 Waste Site ID: 350 HWSA Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-021
---	--	-------------------------------

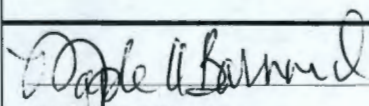
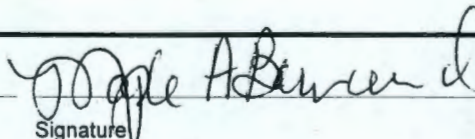
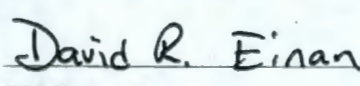
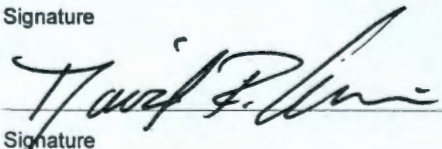
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 350 Hazardous Waste Staging Area is inside the 350-D Building and on an asphalt pad in front of the building. The staging area is used to temporarily store hazardous wastes. Combustible liquids and PCB containing waste are stored inside the building. Used oil is stored in a 300-gallon (1140-liter) tank behind the 350-D Building. Other waste is stored on the pad in front of the building.

Basis for reclassification:

Under Part II.I.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

 DOE Project Manager	 Signature	2/24/99 Date
Ecology Project Manager  EPA Project Manager	Signature  Signature	Date 2/24/99 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 3713 PSHWSA

Site Reclassification Status: Rejected

Page 1

Site Names: 3713 PSHWSA, 3713 Paint Shop Hazardous Waste Satellite Area

Site Type: Satellite Accumulation Area

Start Date: 1984

Status: Inactive

End Date: 1987

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593726.25

(N) 116037.102

Washington State Plane

Site Description: Until 1987, the site was a hazardous waste satellite accumulation area. Today, the site is a concrete pad surrounded by a fiberglass and wood fence. There is a drain in the center of the pad. Items stored in this area include nonhazardous materials, such as ladders, hoses, and pipe. Currently, the 3713 Building is being used as a carpenter's shop.

Location Description: The site is outside the southeast door of the 3713 Building.

Process Description: The unit was used to temporarily store small quantities of hazardous waste.

Associated Structures: The site was associated with the 3713 Paint Shop. The building is now the 3713 Carpentry Shop.

Site Comment: It has not been determined where the floor drain in the pad discharges to. The M-3904 drawing series titled "300 AREA OUTSIDE LINES, SEWERS" does not show any sewer lines in the vicinity of the pad. Mark Sarver, the building administrator; Sam Camp, Dyncorp Water Utilities & Support Services; and Dan Pursley, Fluor Daniel Northwest Facility & Infrastructure Projects were contacted, but none of them knew where the drain discharged to. Dan Pursley suggested the drain either discharged to a french drain (an unidentified miscellaneous stream) or to an abandoned section of process sewer piping.

Environmental Monitoring Description: Documented weekly visual inspections were performed while the unit was in operation.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.
3. Jeff Shearer with Dan Pursley, FDNW Facility and Infrastructure Projects, 1/21/99, Telecon: Floor Drain in Pad at 3713.

Dimensions:

Length: 7.92 Meters 26.00 Feet

Width: 4.88 Meters 16.00 Feet

Site Shape: Rectangle

Comment: The dimensions are that of the concrete pad.

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation**Solid Waste Management Unit:** Yes**TPA Waste Management Unit Type:** Other Storage Area**Permitting****RCRA Part A Permit:** No **216/218 Permit:** No**RCRA Part B Permit:** No **NPDES:** No**Closure Plan:** No **State Waste Discharge Permit:** No**TSD Number:** **Septic Permit:** No**Air Operating Permit:** No **Inert Landfill:** No**Air Operating Permit
Number(s):****Tri-Party Agreement****Lead Regulatory Agency:** EPA**Unit Category:** 90-Day Storage Pad/Satellite Accumulation Area**TPA Appendix:****Remediation and Closure****Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Barrels/Drums/Buckets/Cans**Category:** Hazardous/Dangerous**Physical State:** Solid and liquid**Start Date:** 1984**End Date:** 1987**Description:** Hazardous wastes have not been accumulated at this facility since the paint shop was moved. The area contained small quantities of miscellaneous waste solutions. The waste was derived from paint shop operations.**References:** 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.**Field Work:****Type:** Site Walkdown**Begin Date:** 11/18/1998**Field Crew:** D. C. Weekes**End Date:** 11/24/1998**Purpose:** Site Verification**Site Cover:** Concrete

Site Code: 3713 PSHWSA

Site Reclassification Status: Rejected

Page 3

Site Cover:

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: Yes

Comment: The site was examined from outside of the fence. No hazardous waste was seen.

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Images:

Date Taken: 11/18/98

Pathname: \\bhi002\esd-img\300\1104\1104_01.JPG

Description: This photo was taken looking northwest at the site which is the fenced area on the concrete pad.

Date Taken: 11/24/98

Pathname: \\bhi002\esd-img\300\1104\1104_03.JPG

Description: This photo was taken looking northwest at the site. The southeast door of the 3713 Building is on the left.

Waste Site Reclassification Form

Date Submitted: 12/2/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 3713 PSHWSA Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98- 213
---	---	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Until 1987, the site was a hazardous waste satellite accumulation area. Today, the site is a concrete pad surrounded by a fiberglass and wood fence. There is a drain in the center of the pad. Items stored in this area include nonhazardous materials, such as ladders, hoses, and pipe. Currently, the 3713 Building is being used as a carpenter's shop.

Basis for reclassification:

Hazardous wastes have not been accumulated at this facility since the paint shop was moved. The area contained small quantities of miscellaneous waste solutions. The waste was derived from paint shop operations.

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.1.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

<i>ST Burnum</i>	<i>Steven T. Burnum</i>	<i>1/27/99</i>
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i>	<i>David R. Einar</i>	<i>27 Jan 99</i>
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 3713 SSHWSA

Site Reclassification Status: Rejected

Page 1

Site Names: 3713 SSHWSA, 3713 Sign Shop Hazardous Waste Satellite Area

Site Type: Satellite Accumulation Area

Start Date: 1984

Status: Inactive

End Date: 1987

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593717.188

(N) 116070.711

Washington State Plane

Site Description: Until 1987, the site was a hazardous waste satellite accumulation area. It is no longer in existence. No evidence of the satellite accumulation area is apparent.

Location Description: The staging area was located outside the north entrance of the 3713 Building.

Process Description: The staging area accumulated small quantities of nonsolvent waste from sign shop operations.

Associated Structures: The unit was associated with the 3713 Sign shop. The 3713 Building is currently a carpenter's shop.

Site Comment: Hazardous wastes are no longer staged at this facility. No discolored soil is present at the reported location of this unit.

Environmental Monitoring Description: Documented weekly visual inspections were performed while the site was in operation.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible

Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 90-Day Storage Pad/Satellite Accumulation Area
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Barrels/Drums/Buckets/Cans
Category: Hazardous/Dangerous
Physical State: Solid and liquid
Start Date: 1984 End Date: 1987
Description: Hazardous wastes are no longer staged at this facility. The area accumulated miscellaneous small quantities of nonsolvent waste solutions from sign shop operations.
References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown
Begin Date: 11/19/1998 Field Crew: D. C. Weekes
End Date: 11/19/1998
Purpose: Site Verification
Site Cover: Gravel or Rock
Site Accessible: Yes Site Found: No
Soil Discoloration: No Debris Visible: No
Comment: No evidence of the waste site was found.
References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Images:

Date Taken: 11/18/98
Pathname: \\bhi002\esd-img\300\1105\1105_01.JPG
Description: This photo was taken looking southwest at the north entrance to the 3713 Building. The waste site is thought to be the area north of the concrete pad. No evidence of the site was seen.
Date Taken: 11/18/98

Site Code: 3713 SSHWSA

Site Reclassification Status: Rejected

Page 3

Pathname: \\bhi002\esd-img\300\1105\1105_02.JPG

Description: This photo was taken looking west at the 3713 Building. The pickup truck is parked over the assumed location of the site.

Waste Site Reclassification Form

Date Submitted: 12/3/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 3713 SSHWSA Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-217
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Until 1987, the site was a hazardous waste satellite accumulation area. It is no longer in existence. No evidence of the satellite accumulation area is apparent.

Basis for reclassification:

The staging area accumulated small quantities of nonsolvent waste from sign shop operations. Hazardous wastes are no longer staged at this facility. No discolored soil is present at the reported location of this unit.

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.1.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

<i>ST Barnum</i>	<i>Steve T. Barnum</i>	<i>1/27/99</i>
DOE Project Manager	Signature	Date
<i>David R. Eising</i>	<i>David R. Eising</i>	<i>27 Jan 99</i>
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 3718-F BS

Site Reclassification Status: Closed Out

Page 1

Site Names: 3718-F BS, 3718-F Burn Shed

Site Type: Process Pit

Start Date: 1968

Status: Inactive

End Date: 1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594340.25

(N) 115838.008

Washington State Plane

Site Description: The site was a small structure designed to burn waste alkali metals. The structure has been removed and all that remains is the concrete pad which it shared with other sites related to the 3718-F Alkali Metal Treatment and Storage Facility.

The 3718-F Burn Shed was a 3.0-meter by 3.7-meter (10-foot by 12-foot) sheet metal enclosure with a 2.4 meter (8-foot) wide roll-up door. Small stirring ports and windows were placed on the north and west sides. To the east of the burn shed was a fume scrubber through which the gaseous emissions from the burning were processed. The burn shed and fume scrubber were connected by overhead ductwork. The burn shed and fume scrubber were built on a concrete pad. The pad was bermed on the north and south and sloped to the east. A channel on the east side routed any drainage to a floor drain which discharged to the process sewer.

Location Description: The unit was located in the 300 Area, east of the 324 Building. It shared a common fence with the 3717C, 335, 335A, and 336 Buildings. The burn shed was located on a concrete pad adjacent to the east side of the storage building (3718-F SF).

Process Description: When the facility was used, alkali metals were placed in burn pans, surrounded by fuel, and ignited with a torch inserted through a stirring port. The molten metals were stirred to allow for complete combustion. A water fog was then applied to the metals, completing the oxidation process. Effluents were neutralized and discharged to the process sewer.

Associated Structures: The unit is associated with the adjacent fume scrubber, the storage building (3718-F SF), and the treatment tanks (3718-F TT1 and 3718-F TT2).

Site Comment: The unit was last used for treatment in June 1987. On September 27, 1990, a letter was sent from the Department of Energy (DOE) to Ecology notifying them that the unit was going to be closed and that a detailed closure plan was being developed. Closure activities for the site were conducted in accordance with The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan (DOE/RL-91-35, Revision 2) and were certified by a Professional Engineer on July 16, 1996. An amendment to the approved closure plan required soil sampling around the perimeter of the 3718-F facilities to verify that no hazardous constituents above cleanup standards existed. A sampling and analysis plan was written, samples were taken, and a data evaluation report was written. All samples were below action levels for lithium, sodium, and potassium. (See the "Field Work" section in WIDS Site 3718-F SF for sampling results.) A split sample, taken from a sump, was analyzed by Ecology and was found to contain 15 milligrams/kilogram of polychlorinated biphenyl (PCB) Aroclor 1254. A review of information related to the 3718-F facilities found no indication that PCB containing materials were ever stored at the facility or used in the manufacture of any of the facility's components. It was concluded that since the PCB the contamination was not from TSD activities and the concentration of PCB's was below the Toxic Substances Control Act (TSCA) limits, a request for closure should be submitted. The request, submitted on September 22, 1997, was ultimately rejected by Ecology because the PCB contamination exceeded the state's Model Toxics Control Act (MTCA) method B levels. On February 24, 1998, it was agreed that DOE would perform a voluntary action to remove the sump structure and conduct soil sampling in its vicinity. Once this action had been completed, the request for closure was resubmitted. (See 3718-F SF for details on the sump removal and sampling.) Ecology accepted the closure certification on August 4, 1998.

Cleanup Activities: All structures associated with the 3718-F Alkali Metal Treatment Facility were removed during September 1996 and May 1998.

Release Potential Description: The unit has been clean closed and there is no potential for release.

Environmental Monitoring Description: While permitted as a Treatment, Storage and/or Disposal Unit (TSD), it was required that the site be inspected weekly. In September 1995, while the site was still undergoing closure, the required inspection frequency was changed to once every six months until closure certification was achieved.

Access Requirements: Hazardous Waste Training

References:

1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
2. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.
3. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823.
4. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 7/9/1998, Letter from DOE-RL to Ecology, Closure of 3718-F Alkali Metal Treatment and Storage Facility, 98-EAP-351.
5. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805.
6. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 12/12/97, Letter from DOE-RL to Ecology, Response to Closure Certification Rejection for the 3718-F Alkali Metal Treatment and Storage Facility, 97-EAP-806.
7. Clinton D. Stuart, Ecology, 9/8/95, Letter from Ecology to DOE-RL, 3718-F Alkali Metal Treatment and Storage Facility Resource Conservation and Recovery Act (RCRA) Unit Inspections, CCN 0041994.
8. R. D. Izatt, DOE and R. E. Lerch, Westinghouse Hanford Company, 9/27/90, Letter from DOE-RL to Ecology, Notification of the 3718-F Unit Closure, 90-PPB-218.
9. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.
10. J. C. Sonnichsen, Jr., 6/5/97, Soil Sampling and Analysis Plan for the 3718-F Alkali Metal Treatment and Storage Facility Closure Activities, HNF-SD-ENV-AP-004, Rev 0.

Site Hazards:

Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/98
Description:	Acidic/Caustic Solutions				
Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/98
Description:	Pyrophoric Metals				
Hazard Type:	Chemical	Status:	Discovered	Date:	4/24/97
Description:	Polychlorinated Biphenyls				
Hazard Type:	Chemical	Status:	Remediated	Date:	8/4/98
Description:	Polychlorinated Biphenyls				
Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/98
Description:	Solvents				

References:

1. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823.
2. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805.
3. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.

Dimensions:

Length:	3.66 Meters	12.00 Feet
Width:	3.05 Meters	10.00 Feet

Site Shape: Rectangle

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	Yes	State Waste Discharge Permit:	No
TSD Number:	TS-3-3	Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: Ecology
Unit Category: Treatment, Storage and Disposal (TSD)
TPA Appendix: B

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals
Category: Hazardous/Dangerous
Physical State: Solid and liquid
Start Date: 1968 End Date: 1987
Description: Wastes treated at the unit included: sodium, lithium and sodium-potassium alloys. After burning, the remaining wastes would have consisted of alkali metal oxides and carbonates. Small quantities of reactive laboratory waste may also have been treated. All wastes have been removed.
References: 1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.

Field Work:

Type: Site Walkdown

Begin Date:	10/15/1998	Field Crew:	Tim Johnson
End Date:	10/15/1998		
Purpose:	Site validation		
Comment:	The concrete foundation for the 3718-F building remains at the site. Rust stains were observed on the pad. No waste or visual contamination was observed. The concrete pad measured 14.2 meters (46.5 feet) wide by 14.9 meters (49 feet) long.		
Site Cover:	Concrete		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No
References:	1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.		

Images:

Date Taken:	1/1/91
Pathname:	\\bhi002\esd-img\300\1106\1106_01.JPG
Description:	This image shows all of the components of the 3718-F Alkali Metal Treatment and Storage Area. The 3718-F Storage Facility (3718-F SF) is the metal shed on the left side of the photo. The 3718 Burn Shed (3718-F BS) is the smaller metal structure with an exhaust duct exiting its top, located to the right of the storage facility. The 3718-F Treatment Tank 1 (3718-F TT1) is the narrow raised trough located in front of the burn shed. The 3718-F Treatment Tank 2 (3718-F TT2) is the smaller metal structure that looks like a dumpster near the edge of the concrete pad on the right side of the photo. The image was scanned from revision 3 of the RCRA Part A Permit for the 3718-F Alkali Metal Treatment and Storage Area. Negative # 91071032-1CN.
Date Taken:	10/15/98
Pathname:	\\bhi002\esd-img\300\1106\1106_02.JPG
Description:	View of former 3718-F building site. Concrete foundation remains at site.
Date Taken:	10/15/98
Pathname:	\\bhi002\esd-img\300\1106\1106_03.JPG
Description:	View of former 3718-F building site. Concrete foundation remains at site.
Date Taken:	10/15/98
Pathname:	\\bhi002\esd-img\300\1106\1106_04.JPG
Description:	View of former 3718-F building site. Concrete foundation remains at site.
Date Taken:	10/15/98
Pathname:	\\bhi002\esd-img\300\1106\1106_05.JPG
Description:	View of former 3718-F building site. Concrete foundation remains at site.

Waste Site Reclassification Form

Date Submitted: 10/9/1998	Operable Unit(s): 300-FF-2	Control Number: 98-085
Originator: T. A. Dillhoff	Waste Site ID: 3718-F BS	
Phone: (509) 373-2007	Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The burn shed was a small, sheet metal enclosure with a wide roll-up door. The burn shed also had stirring ports and windows on the north and west sides. The burn shed was constructed on a bermed concrete pad. All structures associated with 3718-F were removed during September 1996 and May 1998. All that remains is the concrete pad.

Basis for reclassification:

The unit was a component of a Treatment, Storage, and Disposal (TSD) unit that has been clean closed. The clean closure certification letter was sent from Ecology to DOE-RL on 8/4/1998 (Administrative Record #0049468).

No signature is required on this form.

<u>Douglas H. Chapm</u> DOE Project Manager	<u>Ray G. Albini</u> Signature	<u>12/3/98</u> Date
<u>Ecology Project Manager</u>	<u>Signature</u>	<u>Date</u>
<u>David R. Einar</u> EPA Project Manager	<u>David R. Einar</u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 3718-F SF		Site Reclassification Status: Closed Out		Page 1
Site Names:	3718-F SF, 3718-F Storage Facility, 3718-F Alkali Metal Treatment Facility			
Site Type:	Storage	Start Date:	1968	
Status:	Inactive	End Date:	1989	
Operable Unit:	300-FF-2	Coordinates:		
Hanford Area:	300	(E)	594334.188	
		(N)	115837.039	
		Washington State Plane		
Site Description:	<p>The 3718-F Storage Facility consisted of a single-story building, an adjoining loading pad, and a concrete treatment pad. The storage building has been removed and all that remains is the concrete pad, which it shared with other sites related to the 3718-F Alkali Metal Treatment and Storage Facility.</p> <p>The 3718-F Storage Facility was designed and constructed in 1968, and redesigned and modified in 1973. The building, which measured 6.1 meters by 14.6 meters (20 feet by 48 feet), was constructed on a concrete pad. The gabled ends, roof, and siding were corrugated steel. The building had electric lights, electric space heaters, and two window air conditioning units. The northern half of the building was used as a storage area and the southern half was used as a work area. A concrete loading pad measuring 3.7 meters by 6.1 meters (12 feet by 20 feet) was located at the south end of the building.</p> <p>The 15-centimeter (6-inch) thick concrete treatment pad measuring 7.2 meters by 14.6 meters (25 feet by 48 feet) adjoined the east side of the building. A burn shed and fume scrubber (3718-F BS) and two treatment tanks (3718-F TT1 and 3718-F TT2) were located on the pad. The north and south ends of the pad are bermed and the pad slopes to the east. Along the east edge is a 7.6-centimeter (3-inch) wide by 7.6 centimeter (3-inch) deep trench. The trench was connected to a floor drain which discharged to the process sewer system. This design was intended to prevent runoff onto the surrounding soils.</p>			
Location Description:	The unit was located in the 300 Area, east of the 324 Building. It shared a common fence with the 3717C, 335, 335A, and 336 Buildings.			
Process Description:	<p>The 3718-F Storage Facility was used to store high purity alkali metals and alkali metal alloys to be used in laboratories.</p> <p>Before 1985, solutions from the treatment tanks were drained onto the concrete pad through a valve in the bottom of the tanks. The spent reagents would flow across the pad to the trough and from the trough to the 300 Area Process Sewer. Beginning in 1985, all spent alcohol solutions were packaged in approved containers and handled as dangerous waste. The used water continued to be drained to the process sewer until 1987 when the use of the treatment tanks was discontinued.</p>			
Associated Structures:	The unit was associated with a burn shed and fume scrubber (3718-F BS) and two treatment tanks (3718-F TT1 and 3718-F TT2).			
Site Comment:	<p>The storage facility was last used in May 1989, when the inventory was removed. On September 27, 1990, a letter was sent from the Department of Energy (DOE) to Ecology notifying them that the unit was going to be closed and that a detailed closure plan was being developed. Closure activities for the site were conducted in accordance with The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan (DOE/RL-91-35, Revision 2) and were certified by a Professional Engineer on July 16, 1996. An amendment to the approved closure plan required soil sampling around the perimeter of the 3718-F facilities to verify that no hazardous constituents above cleanup standards existed. A sampling and analysis plan was written, samples were taken, and a data evaluation report was written. All samples were below action levels for lithium, sodium, and potassium. (See the "Field Work" section of this report for sampling results.) A split sample, taken from a sump, was analyzed by Ecology and was found to contain 15 milligrams/kilogram of polychlorinated biphenyl (PCB) Aroclor 1254. A review of information related to the 3718-F facilities found no indication that PCB containing materials were ever stored at the facility or used in the manufacture of any of the facility's components. It was concluded that since the PCB contamination was not from TSD activities and the concentration of PCB's was below the Toxic Substances Control Act (TSCA) limits, a request for closure should be submitted. The request, submitted on September 22, 1997, was ultimately rejected by Ecology because the PCB contamination exceeded the state's Model Toxics Control Act (MTCA) method B levels. On</p>			

February 24, 1998, it was agreed that DOE would perform a voluntary action to remove the sump structure and conduct soil sampling in its vicinity. Once this action had been completed, the request for closure was resubmitted. Ecology accepted the closure certification on August 4, 1998.

Cleanup Activities:

All structures associated with the 3718-F Alkali Metal Treatment Facility were removed during September 1996.

On February 24, 1998 it was agreed that DOE would perform a voluntary action to remove the drainage sump structure with from which the PCB contaminated sample was taken and to conduct soil sampling in the vicinity of the structure. Initial sampling was performed on March 17, 1998 to determine the levels of PCB's. Cleanup activities occurred between May 1, 1998 and May 6, 1998. During this time, three drain structures were removed. The drain to the process sewer at the northeast corner of the treatment pad was removed and the line connecting to the process sewer was plugged. The two drain sumps for the fume scrubber were removed as a unit because they were connected together with a metal brace. One drain sump was found to be open to soil at the bottom. The two structures were resting on an aluminum plate covered with a white encrustation (later determined to be corroded aluminum). All discolored soil was removed and drummed. Sampling of the drummed soil and the soil beneath the aluminum plate was performed.

Release Potential Description: The unit has been clean closed and there is no potential for release.

Environmental Monitoring Description: While permitted as a Treatment, Storage and/or Disposal Unit (TSD), it was required that the site be inspected weekly. In September 1995, while the site was still undergoing closure, the required inspection frequency was changed to once every six months until closure certification was achieved.

Access Requirements: Hazardous Waste Training

- References:**
1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
 2. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.
 3. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823.
 4. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 7/9/1998, Letter from DOE-RL to Ecology, Closure of 3718-F Alkali Metal Treatment and Storage Facility, 98-EAP-351.
 5. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805.
 6. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 12/12/97, Letter from DOE-RL to Ecology, Response to Closure Certification Rejection for the 3718-F Alkali Metal Treatment and Storage Facility, 97-EAP-806.
 7. Clinton D. Stuart, Ecology, 9/8/95, Letter from Ecology to DOE-RL, 3718-F Alkali Metal Treatment and Storage Facility Resource Conservation and Recovery Act (RCRA) Unit Inspections, CCN 0041994.
 8. R. D. Izatt, DOE and R. E. Lerch, Westinghouse Hanford Company, 9/27/90, Letter from DOE-RL to Ecology, Notification of the 3718-F Unit Closure, 90-PPB-218.
 9. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.
 10. J. C. Sonnichsen, Jr., 6/5/97, Soil Sampling and Analysis Plan for the 3718-F Alkali Metal Treatment and Storage Facility Closure Activities, HNF-SD-ENV-AP-004, Rev 0.

Site Hazards:

Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/98
Description:	Acidic/Caustic Solutions				
Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/98
Description:	Pyrophoric Metals				
Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/98
Description:	Solvents				
Hazard Type:	Chemical	Status:	Discovered	Date:	4/24/97
Description:	Polychlorinated Biphenyls				

Hazard Type:	Chemical	Status:	Remediated	Date:	8/4/98
Description:	Polychlorinated Biphenyls				
References:	1. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823. 2. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805. 3. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.				

Dimensions:

Length:	14.63 Meters	48.00 Feet
Width:	6.10 Meters	20.00 Feet

Site Shape: Rectangle

Comment: These dimensions are for the storage building.

References: 1. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.

Length:	6.10 Meters	20.00 Feet
Width:	3.66 Meters	12.00 Feet

Site Shape: Rectangle

Comment: These dimensions are for the concrete loading pad.

References: 1. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.

Length:	14.63 Meters	48.00 Feet
Width:	7.62 Meters	25.00 Feet

Site Shape: Rectangle

Comment: These dimensions are for the concrete treatment pad.

References: 1. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.

Regulatory Information:**Programmatic Responsibility**

DOE Program:	NE-80	Confirmed By Program:	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	Yes	State Waste Discharge Permit:	No
TSD Number:	TS-3-3	Septic Permit:	No

Air Operating Permit: No

Inert Landfill:

No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: Ecology

Unit Category: Treatment, Storage and Disposal (TSD)

TPA Appendix: B

Remediation and Closure

Decision Document: Closure Plan (TSD)

Decision Document Status: Final

Remediation Design Group:

Closure Document: Closure Letter

Closure Type: Clean Closure

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Hazardous/Dangerous

Physical State: Solid and liquid

Start Date: 1968

End Date: 1989

Description: Hazardous wastes are no longer stored in this facility.

The wastes stored at the facility while in use consisted of sodium, lithium, and sodium alloys. Cleaning agents used within the treatment tanks and discharged to the concrete pad included water, methanol, isopropanol, and 2-butoxy ethanol (trade name Dowanol). Reaction products contained within the solutions included alkali oxides, alkali carbonates, and alkoxides (strong organic bases).

During cleanup, polychlorinated biphenyl (PCB) Aroclor 1254 contamination from an unknown source was identified in soil samples.

- References:**
1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
 2. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.
 3. John C. Sonnichsen, Jr., 10/13/97, 3718-F Alkali Metal Treatment and Storage Facility Data Evaluation Report, HNF-SD-ENV-ER-002, Rev 0.
 4. E. M. Matllin, DOE, D. H. Chapin, DOE, and J. J. Wallace, Ecology, 2/3/97, Meeting Minutes: Project Managers' Meeting 3718-F Alkali Metal Treatment and Storage Facility, 0047257.

Field Work:

Type: Analytical Sampling

Begin Date: 04/24/1997

Field Crew: K. B. Hulse

End Date: 04/24/1997

Purpose: Soil Sampling for Closure

Comment: This was the Phase I sampling event that would determine whether a second sampling was necessary. The sampling was based on the Soil Sampling and Analysis Plan for

the 3718-F Alkali Metal Treatment and Storage Facility Closure Activities, HNF-SD-ENV-AP-004. Action levels were 1390 milligrams/kilogram for sodium, 37 milligrams/kilogram for lithium, and 3090 milligrams/kilogram for potassium. None of the samples exceed action levels. However, sample B0JHZ5 exceeded the Model Toxics Control Act (MTCA) method B levels for PCB's.

Sample Number: B0JHZ4

Location Description: The sample was taken from the northeast corner of the pad.

Result Summary: The sample results are: 175 milligrams/kilogram sodium, 9.1 milligrams/kilogram lithium, and 1020 milligrams/kilogram potassium. A split of this sample analyzed by Ecology also detected 0.088 milligrams/kilogram PCB Aroclor 1254.

Sample Number: B0JHZ5

Location Description: The sample was taken from the bottom of the one of the drain sumps for the fume scrubber.

Result Summary: The sample results are: 531 milligrams/kilogram sodium, 29.0 milligrams/kilogram lithium, and 746 milligrams/kilogram potassium. A split of this sample analyzed by Ecology also detected 15.0 milligrams/kilogram PCB Aroclor 1254.

Sample Number: B0JHZ6

Location Description: The sample was taken from the midpoint of the concrete pad.

Result Summary: The sample results are: 194 milligrams/kilogram sodium, 33.1 milligrams/kilogram lithium, and 1050 milligrams/kilogram potassium. A split of this sample analyzed by Ecology also detected 0.038 milligrams/kilogram PCB Aroclor 1254.

Sample Number: B0JHZ7

Location Description: The sample was taken from the northeast corner of the pad. It was a duplicate of sample B0JHZ4.

Result Summary: The sample results are: 174 milligrams/kilogram sodium, 9.6 milligrams/kilogram lithium, and 942 milligrams/kilogram potassium. A split of this sample analyzed by Ecology also detected 0.330 milligrams/kilogram PCB Aroclor 1254.

Sample Number: B0JHZ8

Location Description: The sample was taken from the midpoint of the concrete pad. This sample was a duplicate of sample B0JHZ6.

Result Summary: The sample results are: 218 milligrams/kilogram sodium, 30.3 milligrams/kilogram lithium, and 1360 milligrams/kilogram potassium. A split of this sample analyzed by Ecology did not detect any PCB Aroclor 1254.

References:

1. J. C. Sonnichsen, Jr., 6/5/97, Soil Sampling and Analysis Plan for the 3718-F Alkali Metal Treatment and Storage Facility Closure Activities, HNF-SD-ENV-AP-004, Rev 0.
2. John C. Sonnichsen, Jr., 10/13/97, 3718-F Alkali Metal Treatment and Storage Facility Data Evaluation Report, HNF-SD-ENV-ER-002, Rev 0.

Type: Analytical Sampling

Begin Date: 03/07/1998
End Date: 03/07/1998
Purpose: Determine PCB Levels
Comment: In support of sump removal, soil samples were taken in the vicinity of the 3718-F drain structures. The intent was to determine levels of polychlorinated biphenyl (PCB) inside the drain sumps and the surrounding soils. Samples were taken from seven different sites at varying depths. An obstruction was encountered when attempting to sample deeper at the locations for K0N2X7 and K0N2X8. The obstruction was later determined to be the aluminum plate beneath the drain sump structures.

Sample Number: K0N2X2

Location Description: The sample was collected from the sediments at the bottom of the north separator drain sump (north sump for fume scrubber).

Result Summary: The sample contained 2.7 milligrams/kilogram PCB Aroclor 1254.

Sample Number: K0N2X3

Location Description: The sample was collected from the sediments inside the drain structure adjacent to the northeast corner of the concrete pad.

Result Summary: The sample contained 4.0 milligrams/kilogram PCB Aroclor 1254.

Sample Number: K0N2X4

Location Description: The sample was a soil sample from the area adjacent to the drain structure at the northeast corner of the concrete pad. The sample was from the 0.9 to 1.2-meter (3 to 4-foot) depth interval.

Result Summary: The sample contained 0.04 milligrams/kilogram PCB Aroclor 1254.

Sample Number: K0N2X5

Location Description: The sample was collected from a location north of the separator drain sumps (sumps for fume scrubber). The sample was from the 1.2 to 1.7-meter (4 to 5.5-foot) depth interval.

Result Summary: The sample contained no detectable levels of PCB Aroclor 1254.

Sample Number: K0N2X6

Location Description: The sample was collected from a location between and slightly east of the separator drain sumps (sumps for fume scrubber). The sample was from the 0 to 0.3-meter (0 to 1-foot) depth interval.

Result Summary: The sample contained 0.50 milligrams/kilogram PCB Aroclor 1254.

Sample Number: KON2X7**Location Description:** The sample was collected from a location between and slightly east of the separator drain sumps (sumps for fume scrubber). The sample was from the 0.9 to 1.2-meter (3 to 4-foot) depth interval.**Result Summary:** The sample contained 0.038 milligrams/kilogram PCB Aroclor 1254.**Sample Number:** KON2X9**Location Description:** The sample was collected from a location south of the separator drain sumps (sumps for fume scrubber). The sample was from the 1.2 to 1.8-meter (4 to 6-foot) depth interval.**Result Summary:** The sample no detectable levels of PCB Aroclor 1254.**Sample Number:** KON2X8**Location Description:** The sample was collected from a location slightly east and south of the separator drain sumps (sumps for fume scrubber). The sample was from the 1.2 to 1.5-meter (4 to 5-foot) depth interval.**Result Summary:** The sample contained 0.035 milligrams/kilogram PCB Aroclor 1254.**References:** 1. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 7/9/1998, Letter from DOE-RL to Ecology, Closure of 3718-F Alkali Metal Treatment and Storage Facility, 98-EAP-351.**Type:** Analytical Sampling**Begin Date:** 05/01/1998**End Date:** 05/01/1998**Purpose:** Sampling To Complete Voluntary Action**Comment:** Action levels were 37 milligrams/kilogram for lithium, 1390 milligrams/kilogram for sodium, 3090 milligrams/kilogram for potassium, and 2.0 milligrams/kilogram for PCB Aroclor 1254. No samples exceeded action levels.**Sample Number:** KON321**Location Description:** The sample was taken from drummed soil.**Result Summary:** The sample contained 23.4 milligrams/kilogram lithium, 338 milligrams/kilogram sodium, 831 milligrams/kilogram potassium, and 0.24 milligrams/kilogram PCB Aroclor 1254.**Sample Number:** KON322**Location Description:** The sample was from drummed soil. The sample was a duplicate of sample KON321.**Result Summary:** The sample contained 24.8 milligrams/kilogram lithium, 363 milligrams/kilogram sodium, 930 milligrams/kilogram potassium, and 0.54 milligrams/kilogram Aroclor 1254.

Sample Number: K0N323**Location Description:** The sample was taken from under the aluminum plate, on the southwest side.**Result Summary:** The sample contained 7.0 milligrams/kilogram lithium, 152 milligrams/kilogram sodium, 663 milligrams/kilogram potassium, and <0.01 milligram/kilogram PCB Aroclor 1254.**Sample Number:** K0N324**Location Description:** The sample was taken from under the aluminum plate, on the southwest side.
The sample was a duplicate of sample K0N323.**Result Summary:** The sample contained 8.14 milligrams/kilogram lithium, 161 milligrams/kilogram sodium, 666 milligrams/kilogram potassium, and <0.01 milligrams/kilogram PCB Aroclor 1254.**Sample Number:** K0N325**Location Description:** The sample was taken from under the aluminum plate, on the northeast side.**Result Summary:** The sample contained 6.72 milligrams/kilogram lithium, 658 milligrams/kilogram sodium, 775 milligrams/kilogram potassium, and 0.072 milligrams/kilogram PCB Aroclor 1254.**References:** 1. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 7/9/1998, Letter from DOE-RL to Ecology, Closure of 3718-F Alkali Metal Treatment and Storage Facility, 98-EAP-351.**Type:** Site Walkdown**Begin Date:** 10/14/1998**Field Crew:** Tim Johnson**End Date:** 10/14/1998**Purpose:** Site validation**Comment:** The concrete foundation for the 3718-F building remains at the site. Rust stains were observed on the pad. No waste or visual contamination was observed. The concrete pad measured 14.2 meters (46.5 feet) wide by 14.9 meters (49 feet) long.**References:** 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.**Images:****Date Taken:** 1/1/91**Pathname:** \\bhi002\esd-img\300\1107\1107_01.JPG**Description:** This image shows all of the components of the 3718-F Alkali Metal Treatment and Storage Area. The 3718-F Storage Facility (3718-F SF) is the metal shed on the left side of the photo. The 3718 Burn Shed (3718-F BS) is the smaller metal structure with an exhaust duct exiting its top, located to the right of the storage facility. The 3718-F Treatment Tank 1 (3718-F TT1) is the narrow raised trough located in front of the burn shed. The 3718-F Treatment Tank 2 (3718-F TT2) is the smaller metal structure that looks like a dumpster near the edge of the concrete pad on the right side of the photo. The image was scanned from revision 3 of the RCRA Part A Permit for the 3718-F Alkali Metal Treatment and Storage Area. Negative # 91071032-1CN.**Date Taken:** 10/15/98**Pathname:** \\bhi002\esd-img\300\1107\1107_02.JPG**Description:** 3718-F building foundation.**Date Taken:** 10/15/98

Pathname: \\bhi002\esd-img\300\1107\1107_03.JPG**Description:** 3718-F building foundation.**Date Taken:** 10/15/98**Pathname:** \\bhi002\esd-img\300\1107\1107_04.JPG**Description:** 3718-F building foundation.**Date Taken:** 10/15/98**Pathname:** \\bhi002\esd-img\300\1107\1107_05.JPG**Description:** 3718-F building foundation.

Waste Site Reclassification Form

Date Submitted: 10/9/1998	Operable Unit(s): 300-FF-2	Control Number: 98-086
Originator: T. A. Dillhoff	Waste Site ID: 3718-F SF	
Phone: (509) 373-2007	Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 3718-F Storage Facility consisted of a single story building, an adjoining loading pad, and a concrete treatment pad. A perimeter fence surrounds the 3718-F Facility. All structures associated with the 3718-F were removed during September 1996 and May 1998. The concrete pad is all that remains.

Basis for reclassification:

The unit was a component of a Treatment, Storage, and Disposal (TSD) unit that has been clean closed. The clean closure certification letter was sent from Ecology to DOE-RL on 8/4/1998 (Administrative Record #0049468).

No signature is required on this form.

<u>Douglas H. Chapin</u> DOE Project Manager	<u>Ralph Allgi</u> Signature	<u>12/3/98</u> Date
<u>Ecology Project Manager</u>	<u>Signature</u>	<u>Date</u>
<u>David R. Einar</u> EPA Project Manager	<u>David R. Einar</u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 3718-F TT1

Site Reclassification Status: Closed Out

Page 1

Site Names: 3718-F TT1, 3718-F Treatment Tank 1

Site Type: Storage Tank

Start Date: 1968

Status: Inactive

End Date: 1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594344

(N) 115831.5

Washington State Plane

Site Description: The 3718-F Treatment Tank 1 (3718-F TT1) was a tank used to clean equipment contaminated with alkali metals by reacting the metals with alcohol. The tank has been removed and all that remains is the concrete pad which it shared with other sites related to the 3718-F Alkali Metal Treatment and Storage Facility.

3718-F TT1 was a long, narrow tank constructed of 0.3-centimeter (1/8-inch) stainless steel. The tank had a hinged solid cover and was supported by eight metal legs spaced in pairs at intervals along the its length.

Location Description: The unit was located in the 300 Area, east of the 324 Building. It shared a common fence with the 3717C, 335, 335A, and 336 Buildings. The tank was located on a concrete pad adjacent to the east side of the storage building.

Process Description: Equipment contaminated with alkali metals was cleaned in an alcohol bath in the tank. The alcohol bath was used for confined quantities of sodium because the sodium-alcohol reaction was slower and easier to control. The reaction process took up to several days to complete, depending on the amount of sodium on the component and the presence of tight crevices which would minimize the surface area available for reaction. The reaction of the alkali metals with alcohol produced alkoxides, strong organic bases. Alcohols used in this process included methanol, isopropanol, and 2-butoxy ethanol (trade name Dowanol).

Before 1985, solutions from the treatment tanks were drained onto the concrete pad through a valve in the bottom of the tanks. The spent reagents would flow across the pad to the trough and from the trough to the 300 Area Process Sewer. Beginning in 1985, all spent alcohol solutions were packaged in approved containers and handled as dangerous waste. The used water continued to be drained to the process sewer until 1987 when the use of the treatment tanks was discontinued.

Associated Structures: Structures associated with the unit include the other treatment tank (3718-F TT2), the burn shed and fume scrubber (3718-F BS), and the storage shed (3718-F SF).

Site Comment: The unit was last used to decontaminate equipment in June 1987. On September 27, 1990, a letter was sent from the Department of Energy (DOE) to Ecology notifying them that the unit was going to be closed and that a detailed closure plan was being developed. Closure activities for the site were conducted in accordance with The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan (DOE/RL-91-35, Revision 2) and were certified by a Professional Engineer on July 16, 1996. An amendment to the approved closure plan required soil sampling around the perimeter of the 3718-F facilities to verify that no hazardous constituents above cleanup standards existed. A sampling and analysis plan was written, samples were taken, and a data evaluation report was written. All samples were below action levels for lithium, sodium, and potassium. (See the "Field Work" section in WIDS Site 3718-F SF for sampling results.) A split sample, taken from a sump, was analyzed by Ecology and was found to contain 15 milligrams/kilogram of polychlorinated biphenyl (PCB) Aroclor 1254. A review of information related to the 3718-F facilities found no indication that PCB containing materials were ever stored at the facility or used in the manufacture of any of the facility's components. It was concluded that since the PCB contamination was not from TSD activities and the concentration of PCB's was below the Toxic Substances Control Act (TSCA) limits, a request for closure should be submitted. The request, submitted on September 22, 1997, was ultimately rejected by Ecology because the PCB contamination exceeded the state's Model Toxics Control Act (MTCA) method B levels. On February 24, 1998, it was agreed that DOE would perform a voluntary action to remove the sump structure and conduct soil sampling in its vicinity. Once this action had been completed, the request for closure was resubmitted. (See 3718-F SF for details on the sump removal and sampling.) Ecology accepted the closure certification on August 4, 1998.

Cleanup Activities: All structures associated with the 3718-F Alkali Metal Treatment Facility were removed during September 1996.

Release Potential Description: The unit has been clean closed and there is no potential for release.

Environmental Monitoring Description: While permitted as a Treatment, Storage and/or Disposal Unit (TSD), it was required that the site be inspected weekly. In September 1995, while the site was still undergoing closure, the required inspection frequency was changed to once every six months until closure certification was achieved.

Access Requirements: Hazardous Waste Training

References:

1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
2. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.
3. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823.
4. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 7/9/1998, Letter from DOE-RL to Ecology, Closure of 3718-F Alkali Metal Treatment and Storage Facility, 98-EAP-351.
5. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805.
6. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 12/12/97, Letter from DOE-RL to Ecology, Response to Closure Certification Rejection for the 3718-F Alkali Metal Treatment and Storage Facility, 97-EAP-806.
7. Clinton D. Stuart, Ecology, 9/8/95, Letter from Ecology to DOE-RL, 3718-F Alkali Metal Treatment and Storage Facility Resource Conservation and Recovery Act (RCRA) Unit Inspections, CCN 0041994.
8. R. D. Izatt, DOE and R. E. Lerch, Westinghouse Hanford Company, 9/27/90, Letter from DOE-RL to Ecology, Notification of the 3718-F Unit Closure, 90-PPB-218.
9. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.
10. J. C. Sonnichsen, Jr., 6/5/97, Soil Sampling and Analysis Plan for the 3718-F Alkali Metal Treatment and Storage Facility Closure Activities, HNF-SD-ENV-AP-004, Rev 0.
11. E. M. Mattlin, DOE, D. H. Chapin, DOE, and J. J. Wallace, Ecology, 2/3/97, Meeting Minutes: Project Managers' Meeting 3718-F Alkali Metal Treatment and Storage Facility, 0047257.

Site Hazards:

Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/96
Description:	Acidic/Caustic Solutions				

Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/96
Description:	Pyrophoric Metals				

Hazard Type:	Chemical	Status:	Remediated	Date:	7/16/96
Description:	Solvents				

Hazard Type:	Chemical	Status:	Discovered	Date:	4/24/97
Description:	Polychlorinated Biphenyls				

Hazard Type:	Chemical	Status:	Remediated	Date:	8/4/98
Description:	Polychlorinated Biphenyls				

References:

1. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823.
2. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805.
3. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.

Dimensions:

Length:	7.39 Meters	24.25 Feet
Width:	0.27 Meters	0.88 Feet

Depth / Height:	0.25 Meters	0.83 Feet
Capacity:	510.98 Liters	134.99 Gallons
Site Shape:	Rectangle	
Comment:	The depth/height value is the depth of the tank structure and does not include the supporting legs.	
References:	1. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.	

Regulatory Information:**Programmatic Responsibility**

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	Yes	State Waste Discharge Permit:	No
TSD Number:	TS-3-3	Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: Ecology
Unit Category: Treatment, Storage and Disposal (TSD)
TPA Appendix: B

Remediation and Closure

Decision Document: Closure Plan (TSD)
Decision Document Status: Final
Remediation Design Group:
Closure Document: Closure Letter
Closure Type: Clean Closure

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals
Category: Hazardous/Dangerous

Physical State:	Liquid		
Start Date:	1968	End Date:	1987
Description:	Hazardous wastes are no longer treated in the tank. Wastes treated at the tank included sodium, lithium, and sodium-potassium alloys. Cleaning agents used within the treatment tank included methanol, isopropanol, and 2-butoxy ethanol (trade name Dowanol). The reaction products were alkoxides (strong organic bases).		
References:	1. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2. 2. E. M. Mattlin, DOE, D. H. Chapin, DOE, and J. J. Wallace, Ecology, 2/3/97, Meeting Minutes: Project Managers' Meeting 3718-F Alkali Metal Treatment and Storage Facility, 0047257.		

Field Work:

Type:	Site Walkdown		
Begin Date:	10/14/1998	Field Crew:	Tim Johnson
End Date:	10/14/1998		
Purpose:	Site validation		
Comment:	The concrete foundation for the 3718-F building remains at the site. Rust stains were observed on the pad. No waste or visual contamination was observed. The concrete pad measured 14.2 meters (46.5 feet) wide by 14.9 meters (49 feet) long.		
Site Cover:	Concrete		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken:	1/1/91
Pathname:	\\bhi002\esd-img\300\1108\1108_01.JPG
Description:	This image shows all of the components of the 3718-F Alkali Metal Treatment and Storage Area. The 3718-F Storage Facility (3718-F SF) is the metal shed on the left side of the photo. The 3718 Burn Shed (3718-F BS) is the smaller metal structure with an exhaust duct exiting its top, located to the right of the storage facility. The 3718-F Treatment Tank 1 (3718-F TT1) is the narrow raised trough located in front of the burn shed. The 3718-F Treatment Tank 2 (3718-F TT2) is the smaller metal structure that looks like a dumpster near the edge of the concrete pad on the right side of the photo. The image was scanned from revision 3 of the RCRA Part A Permit for the 3718-F Alkali Metal Treatment and Storage Area. Negative # 91071032-1CN.
Date Taken:	10/15/98
Pathname:	\\bhi002\esd-img\300\1108\1108_02.JPG
Description:	3718-F building foundation.
Date Taken:	10/15/98
Pathname:	\\bhi002\esd-img\300\1108\1108_03.JPG
Description:	3718-F building foundation.
Date Taken:	10/15/98
Pathname:	\\bhi002\esd-img\300\1108\1108_04.JPG
Description:	3718-F building foundation.
Date Taken:	10/15/98

Site Code: 3718-F TT1

Site Reclassification Status: Closed Out

Page 5

Pathname: \\bhi002\esd-img\300\1108\1108_05.JPG

Description: 3718-F building foundation.

Waste Site Reclassification Form

Date Submitted: 10/9/1998	Operable Unit(s): 300-FF-2	Control Number: 98-087
Originator: T. A. Dillhoff	Waste Site ID: 3718-F TT1	
Phone: (509) 373-2007	Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

3718-F TT1 was a tank on the 3718-F Concrete Pad. This long, narrow tank was constructed of stainless steel and had a hinged solid cover. All structures associated with 3718-F were removed during September 1996 and May 1998. All that remains is the concrete pad.

Basis for reclassification:

The unit was a component of a Treatment, Storage, and Disposal (TSD) unit that has been clean closed. The clean closure certification letter was sent from Ecology to DOE-RL on 8/4/1998 (Administrative Record #0049468).

No signature is required on this form.

<u>Douglas H. Chapin</u> DOE Project Manager	<u>Alayth H. Gini</u> Signature	<u>12/3/98</u> Date
<u>David R. Egan</u> Ecology Project Manager	<u>David R. Egan</u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 3718-F TT2

Site Reclassification Status: Closed Out

Page 1

Site Names: 3718-F TT2, 3718-F Treatment Tank 2

Site Type: Storage Tank

Start Date: 1968

Status: Inactive

End Date: 1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594341.688

(N) 115831.102

Washington State Plane

Site Description: The 3718-F Treatment Tank 2 (3718-F TT2) was a tank used to clean equipment contaminated with alkali metals by reacting the metals with water. The tank has been removed and all that remains is the concrete pad which it shared with other sites related to the 3718-F Alkali Metal Treatment and Storage Facility.

3718-T TT2 was a 430-gallon (1,630-liter) tank constructed of 0.3-centimeter (1/8-inch) stainless steel. The tank was topped by a hinged screen cover.

Location Description: The unit was located in the 300 Area, east of the 324 Building. It shared a common fence with the 3717C, 335, 335A, and 336 Buildings. The tank was located on a concrete pad adjacent to the east side of the storage building.

Process Description: Equipment contaminated with alkali metals was cleaned in a water bath in the tank. The water was only used for small quantities of unconfined alkali metal because of the violence of the reaction. The reaction produced alkali metal hydroxides.

Before 1985, solutions from the treatment tanks were drained onto the concrete pad through a valve in the bottom of the tanks. The spent reagents would flow across the pad to the trough and from the trough to the 300 Area Process Sewer. Beginning in 1985, all spent alcohol solutions were packaged in approved containers and handled as dangerous waste. The used water continued to be drained to the process sewer until 1987 when the use of the treatment tanks was discontinued.

Associated Structures: Structures associated with the unit include the other treatment tank (3718-F TT1), the burn shed and fume scrubber (3718-F BS), and the storage shed (3718-F SF).

Site Comment: The unit was last used to decontaminate equipment in June 1987. On September 27, 1990, a letter was sent from the Department of Energy (DOE) to Ecology notifying them that the unit was going to be closed and that a detailed closure plan was being developed. Closure activities for the site were conducted in accordance with The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan (DOE/RL-91-35, Revision 2) and were certified by a Professional Engineer on July 16, 1996. An amendment to the approved closure plan required soil sampling around the perimeter of the 3718-F facilities to verify that no hazardous constituents above cleanup standards existed. A sampling and analysis plan was written, samples were taken, and a data evaluation report was written. All samples were below action levels for lithium, sodium, and potassium. (See the "Field Work" section in WIDS Site 3718-F SF for sampling results.) A split sample, taken from a sump, was analyzed by Ecology and was found to contain 15 milligrams/kilogram of polychlorinated biphenyl (PCB) Aroclor 1254. A review of information related to the 3718-F facilities found no indication that PCB containing materials were ever stored at the facility or used in the manufacture of any of the facility's components. It was concluded that since the PCB contamination was not from TSD activities and the concentration of PCB's was below the Toxic Substances Control Act (TSCA) limits, a request for closure should be submitted. The request, submitted on September 22, 1997, was ultimately rejected by Ecology because the PCB contamination exceeded the state's Model Toxics Control Act (MTCA) method B levels. On February 24, 1998, it was agreed that DOE would perform a voluntary action to remove the sump structure and conduct soil sampling in its vicinity. Once this action had been completed, the request for closure was resubmitted. (See 3718-F SF for details on the sump removal and sampling.) Ecology accepted the closure certification on August 4, 1998.

Cleanup Activities: All structures associated with the 3718-F Alkali Metal Treatment Facility were removed during September 1996.

Release Potential Description: The unit has been clean closed and there is no potential for release.

Environmental Monitoring Description: While permitted as a Treatment, Storage and/or Disposal Unit (TSD), it was required that the site be inspected weekly. In September 1995, while the site was still undergoing closure, the required inspection frequency was changed to once every six months until closure certification was achieved.

Access Requirements: Hazardous Waste Training

- References:**
1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
 2. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.
 3. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823.
 4. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805.
 5. James E. Rasmussen, DOE and William D. Adair, Fluor Daniel Hanford, 12/12/97, Letter from DOE-RL to Ecology, Response to Closure Certification Rejection for the 3718-F Alkali Metal Treatment and Storage Facility, 97-EAP-806.
 6. Clinton D. Stuart, Ecology, 9/8/95, Letter from Ecology to DOE-RL, 3718-F Alkali Metal Treatment and Storage Facility Resource Conservation and Recovery Act (RCRA) Unit Inspections, CCN 0041994.
 7. R. D. Izatt, DOE and R. E. Lerch, Westinghouse Hanford Company, 9/27/90, Letter from DOE-RL to Ecology, Notification of the 3718-F Unit Closure, 90-PPB-218.
 8. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.
 9. J. C. Sonnichsen, Jr., 6/5/97, Soil Sampling and Analysis Plan for the 3718-F Alkali Metal Treatment and Storage Facility Closure Activities, HNF-SD-ENV-AP-004, Rev 0.
 10. E. M. Mattlin, DOE, D. H. Chapin, DOE, and J. J. Wallace, Ecology, 2/3/97, Meeting Minutes: Project Managers' Meeting 3718-F Alkali Metal Treatment and Storage Facility, 0047257.

Site Hazards:

Hazard Type: Chemical **Status:** Remediated **Date:** 7/16/96
Description: Acidic/Caustic Solutions

Hazard Type: Chemical **Status:** Remediated **Date:** 7/16/96
Description: Pyrophoric Metals

Hazard Type: Chemical **Status:** Remediated **Date:** 7/16/96
Description: Solvents

Hazard Type: Chemical **Status:** Discovered **Date:** 4/24/97
Description: Polychlorinated Biphenyls

Hazard Type: Chemical **Status:** Remediated **Date:** 8/4/98
Description: Polychlorinated Biphenyls

- References:**
1. Jeanne Wallace, Ecology, 8/4/98, Letter from Ecology to DOE-RL, Approval of 3718-F Clean Closure Certification, 9856823.
 2. Jeanne Wallace, Ecology, 11/7/97, Letter from Ecology to DOE-RL, Rejection of Closure Certification for the 3718-F Alkali Metal Treatment and Storage Facility, CCN 004805.
 3. J. C. Sonnichsen, Jr, 9/17/96, Don't Say It Write It!, 3718-F Closure P. E. Certification and FY 1996 Status Report, CCN 0045317.

Dimensions:

Length: 3.05 Meters 10.00 Feet

Width: 0.76 Meters 2.50 Feet

Depth / Height: 0.70 Meters 2.30 Feet

Capacity: 1,627.55 Liters 429.95 Gallons

Site Shape: Rectangle

- References:**
1. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.

Regulatory Information:**Programmatic Responsibility**

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	Yes	State Waste Discharge Permit:	No
TSD Number:	TS-3-3	Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: Ecology
Unit Category: Treatment, Storage and Disposal (TSD)
TPA Appendix: B

Remediation and Closure

Decision Document: Closure Plan (TSD)
Decision Document Status: Final
Remediation Design Group:
Closure Document: Closure Letter
Closure Type: Clean Closure

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals
Category: Hazardous/Dangerous
Physical State: Solid and liquid
Start Date: 1968 End Date: 1987
Description: Hazardous wastes are no longer treated in the tank. Wastes treated at the tank included sodium, lithium, and sodium-potassium alloys. Water was used as the cleaning agent and the reaction products were alkali metal hydroxides.
References: 1. 11/20/95, The 3718-F Alkali Metal Treatment and Storage Facility Closure Plan, DOE/RL-91-35, Rev 2.
2. E. M. Mattlin, DOE, D. H. Chapin, DOE, and J. J. Wallace, Ecology, 2/3/97, Meeting Minutes: Project Managers' Meeting 3718-F Alkali Metal Treatment and Storage Facility, 0047257.

Field Work:**Type:** Site Walkdown**Begin Date:** 10/14/1998**Field Crew:** Tim Johnson**End Date:** 10/14/1998**Purpose:** Site validation

Comment: The concrete foundation for the 3718-F building remains at the site. Rust stains were observed on the pad. No waste or visual contamination was observed. The concrete pad measured 14.2 meters (46.5 feet) wide by 14.9 meters (49 feet) long.

Site Cover: Concrete**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:**Date Taken:** 1/1/91**Pathname:** \\bhi002\esd-img\300\1109\1109_01.JPG

Description: This image shows all of the components of the 3718-F Alkali Metal Treatment and Storage Area. The 3718-F Storage Facility (3718-F SF) is the metal shed on the left side of the photo. The 3718 Burn Shed (3718-F BS) is the smaller metal structure with an exhaust duct exiting its top, located to the right of the storage facility. The 3718-F Treatment Tank 1 (3718-F TT1) is the narrow raised trough located in front of the burn shed. The 3718-F Treatment Tank 2 (3718-F TT2) is the smaller metal structure that looks like a dumpster near the edge of the concrete pad on the right side of the photo. The image was scanned from revision 3 of the RCRA Part A Permit for the 3718-F Alkali Metal Treatment and Storage Area. Negative # 91071032-1CN.

Date Taken: 10/15/98**Pathname:** \\bhi002\esd-img\300\1109\1109_02.JPG**Description:** 3718-F building foundation.**Date Taken:** 10/15/98**Pathname:** \\bhi002\esd-img\300\1109\1109_03.JPG**Description:** 3718-F building foundation.**Date Taken:** 10/15/98**Pathname:** \\bhi002\esd-img\300\1109\1109_04.JPG**Description:** 3718-F building foundation.**Date Taken:** 10/15/98**Pathname:** \\bhi002\esd-img\300\1109\1109_05.JPG**Description:** 3718-F building foundation.

Waste Site Reclassification Form

Date Submitted: 10/9/1998	Operable Unit(s): 300-FF-2	Control Number: 98-088
Originator: T. A. Dillhoff	Waste Site ID: 3718-F TT2	
Phone: (509) 373-2007	Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

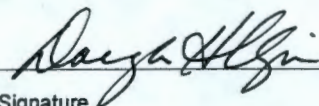

Description of current waste site condition:

3718-T TT2 was a tank on the 3718-F Concrete Pad. This 430-gallon (1,630-liter) tank was constructed of stainless steel, and topped by a hinged screen cover. All structures associated with 3718-F were removed during September 1996 and May 1998. All that remains is the concrete pad.

Basis for reclassification:

The unit was a component of a Treatment, Storage, and Disposal (TSD) unit that has been clean closed. The clean closure certification letter was sent from Ecology to DOE-RL on 8/4/1998 (Administrative Record #0049468).

No signature is required on this form.

<u>Douglas H. Chapin</u> DOE Project Manager	<u></u> Signature	<u>12/3/98</u> Date
<u>David R. Einar</u> EPA Project Manager	<u></u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 3746-D SR

Site Reclassification Status: Rejected

Page 1

Site Names: 3746-D SR, 3746-D Silver Recovery, 3746-D Silver Recovery Process

Site Type: Process Unit/Plant

Start Date: 1984

Status: Inactive

End Date: 1996

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593657

(N) 116081.156

Washington State Plane

Site Description: The 3746-D Silver Recovery unit is a piece of equipment located in the 3746-D Building, a Quonset hut. The electrolytic portion of the silver recovery unit is present, however, the ion exchange columns are not. The recovery unit is currently inactive. A large white basin drains into the sanitary sewer system and is the only drain in the building. This drain is not part of the 3746-D Silver Recovery equipment.

Location Description: The unit is located inside the 3746-D Building. The 3746-D Building is on the west side of Alaska Street, next to the 3705 Building.

Process Description: The unit was used to recycle corrosive, silver-bearing photochemical wastes generated by Pacific Northwest National Laboratory Photo Processing Operations. Silver-bearing liquid was run through an electrolytic unit to remove the majority of the silver. The depleted liquid was run through an ion exchange column to remove more silver. From 1984 to 1992, process effluent was discharged to the sanitary sewer. During this time period, the effluent was tested against discharge limits. Until 1992, effluent that was within discharge limits was poured down a sanitary drain. From 1992 through September 1996, effluent was shipped off site. The unit has been inactive since October 1, 1996, when Lockheed Martin Services, Inc., took over photographic operations.

Associated Structures: The unit is associated with the 3746-D Building, and the Lockheed Martin Services, Inc. photo-processing operations.

Site Comment: The 3746-D Building is used to store photographic supplies.

The unit is not being used, but it has not been removed. During the site walkdown, personnel were asked why the unit has not been excessed. They stated that it is an expensive piece of equipment that could be used if the active recovery unit in the 3705 Building fails.

According to Joe Zoric, Bechtel Hanford Regulatory Support, the 3746-D Silver Recovery unit never had a satellite accumulation area, but it originally functioned in a similar manner. The site was included in the satellite accumulation area inspection schedule and operated under the same basic requirements.

Environmental Monitoring Description: From 1988 to 1992, monthly grab samples of the treated effluent were analyzed for pH and the presence of toxic metals. No monitoring is currently performed.

Access Requirements: Facility Landlord Escort Required

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 12/84, Facilities Catalog, PNL-MA-587.
3. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.
4. Jeff Shearer with Joe Zoric, BHI Regulatory Support, 1/14/99, Informal Interview: 3746-D SR.

Site Hazards:

Hazard Type: Chemical

Status: Verified

Date: 11/16/98

Description: Heavy Metals

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Dimensions:

Site Code: 3746-D SR

Site Reclassification Status: Rejected

Page 2

Length: 18.29 Meters 60.00 Feet

Width: 6.40 Meters 21.00 Feet

Site Shape: Rectangle

Comment: Dimensions of the 3746-D Building are given here.

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: Septic Permit: No

Air Operating Permit: No Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Chemicals

Category: Hazardous/Dangerous

Physical State: Solid and liquid

Start Date:	1984	End Date:	1996
Description:	Corrosive silver containing waste photochemicals used to be processed to reclaim silver. During 1993, 7,721 liters (2,040 gallons) of photochemical waste was processed to recover 209.2 kilograms (1,139.686 troy ounces) of silver.		
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00. 2. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.		

Field Work:

Type: Site Walkdown

Begin Date: 11/16/1998 **Field Crew:** D. C. Weekes

End Date: 11/16/1998

Purpose: Site Verification

Site Cover: Concrete

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

Comment: The electrolytic portion of the silver recovery unit was present, however, the ion exchange columns were not. The recovery unit is currently inactive.

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Images:

Date Taken: 11/16/98

Pathname: \\bhi002\esd-img\300\1110\1110_01.JPG

Description: This photograph was taken looking northwest inside the 3746-D Building at the electrolytic process (Electro Series silver recovery systems) of the silver recovery unit. No ion exchange columns are present and the unit is inactive. The large white basin on the left drains into the sanitary sewer system and is the only drain in the building.

Date Taken: 11/16/98

Pathname: \\bhi002\esd-img\300\1110\1110_02.JPG

Description: This photograph was taken looking northwest at the 3746-D Building.

Waste Site Reclassification Form

Date Submitted: 1/13/1999 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 3746-D SR Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-012
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 3746-D Silver Recovery unit is a piece of equipment located in the 3746-D Building, a Quonset hut. The electrolytic portion of the silver recovery unit is still present. However, the ion exchange columns have been removed. The recovery unit is currently inactive. The unit has not been excessed because it could be used if the unit located in the 3705 Building fails.

Corrosive silver containing waste photochemicals used to be processed to reclaim silver. During 1993, 7,721 liters (2,040 gallons) of photochemical waste was processed to recover 209.2 kilograms (1,139.686 troy ounces) of silver.

Basis for reclassification:

The unit is on standby. There are no wastes or waste streams being generated.

ST Bernum	Stan T. Bernum	1/27/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Einar	David R. Einar	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD1A

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD1A, 400 Area French Drain 1A, 4717 Reactor Service Building HVAC Condensate, Miscellaneous Stream #14, Injection Well #1A

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587629.188

(N) 123184.016

Washington State Plane

Site Description: The unit is a 1.5 meter (5 foot) long, 1.2 meter (4 foot) diameter concrete or vitrified clay pipe filled with gravel. It is in a vegetation-free, gravel covered field south of the 403 Building and cannot be identified visually. The site is not located in a depression or a contaminated area.

Location Description: The site is located between the 403 and 4703 Buildings, about 10.1 meters (33 feet) west of waste site, WIDS Site Code 400 FD1B.

Process Description: The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain.

Associated Structures: The site is associated with the 4717 Reactor Service Building.

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received condensate only.

Environmental Monitoring Description: Effluent to this unit is monitored regularly for radioactive and nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
5. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.

Dimensions:

Depth / Height: 1.52 Meters 5.00 Feet

Diameter: 1.22 Meters 4.00 Feet

References:

1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80

Confirmed By Program: Yes

DOE Division: SPO - Standby Project Office

Responsible

Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4509
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency:	EPA
Unit Category:	216/218
TPA Appendix:	Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:**Waste Information:**

Type:	Water
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Start Date:	1980

Description: Reports conflict about effluents received by the unit which may have received demineralizer backwash; Heating, Ventilation, and Air Conditioning (HVAC) system condensate from the 4717 Facility Reactor Service Building; and/or water and detergents. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Revised Inventory of Miscellaneous Streams, WHC-SD-EN-EV-014.
4. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.

Field Work:

Type:	Site Walkdown		
Begin Date:	09/29/1998	Field Crew:	Tim Johnson, Tom Dillhoff
End Date:	09/29/1998		
Purpose:	Site description		
Comment:	The site is underground and not visible at the mapped location. The site is not located		

Site Code: 400 FD1A

Site Reclassification Status: Rejected

Page 3

in a depression or a contaminated area.

Site Cover: Gravel or Rock

Site Accessible: No

Site Found: No

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/29/98

Pathname: \\bhi002\esd-img\400\1113\1113_01.JPG

Description: The site is not visible at the mapped location. Site is underground. Photo shows area between the 403 and the 4703 building.

Waste Site Reclassification Form

Date Submitted: 10/13/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD1A Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-102
---	--	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.5 meter (5 feet) long, 1.2 meter (4 foot) diameter concrete or vitrified clay pipe filled with gravel. It is in a vegetation-free, gravel covered field south of the 403 Building and cannot be identified visually. The site is not located in a depression or a contaminated area.

Basis for reclassification:

The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain.

The site is active and receives less than 0.038 liters (0.01 gallons) per minute HVAC condensate only. Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received condensate only.

<u>Douglas H. Chapin</u> DOE Project Manager	<u><i>David R. Einar</i></u> Signature	<u>12/3/98</u> Date
Ecology Project Manager	Signature	Date
<u>David R. Einar</u> EPA Project Manager	<u><i>David R. Einar</i></u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD1B

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD1B, 400 Area French Drain 1B, 4703 Building (FFTF Control Building) HVAC Condensate, Miscellaneous Stream #15, Injection Well #1B

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587639.25

(N) 123184.039

Washington State Plane

Site Description: The unit is a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or polyvinyl chloride (PVC) pipe filled with gravel. It is in a vegetation free, gravel covered field and cannot be identified visually. The site is not located in a depression or contaminated area.

Location Description: The site is located south of the 403 Building and approximately 10 meters (33 feet) east of WIDS Site 400 FD1A.

Process Description: The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain.

Associated Structures: The site is associated with the 4703 Building (FFTF Control Building).

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in WAC 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received condensate only.

Environmental Monitoring Description: Effluent discharged to this unit is monitored regularly for radioactive and nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Depth / Height: 1.52 Meters 5.00 Feet

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80

Confirmed By Program: Yes

DOE Division: SPO - Standby Project Office

Responsible

Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4509
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency:	EPA
Unit Category:	216/218
TPA Appendix:	Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Water
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Start Date:	1980
Description:	Reports conflict about effluents discharged to this unit which may receive sump water; Heating, Ventilation, and Air Conditioning (HVAC) condensate from the 4703 Building; and/or water and detergent solutions. The flow rate as less is less than 0.038 liters per minute (0.01 gallons per minute).
References:	<ol style="list-style-type: none">1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.3. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type:	Site Walkdown	
Begin Date:	09/29/1998	Field Crew: Tim Johnson, Tom Dillhoff
End Date:	09/29/1998	
Purpose:	Site description	

Site Code: 400 FD1B

Site Reclassification Status: Rejected

Page 3

Comment: The site is underground and not visible at the mapped location. The site is not located in a depression or a contaminated area.

Site Cover: Gravel or Rock

Site Accessible: No

Site Found: No

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/30/98

Pathname: \\bhi002\esd-img\400\1114\1114_01.JPG

Description: Site is located underground and is not visible in the field. Photo shows the area over the underground site.

Waste Site Reclassification Form

Date Submitted: 10/13/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD1B Type of Reclassification Action: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Rejected <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Closed-Out <input type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> No Action <input type="radio"/> </div>	Control Number: 98- 103
---	--	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.5 meter (5 foot) long, 1.2 meter (4 foot) diameter concrete or polyvinyl chloride (PVC) pipe filled with gravel. It is in a vegetation free, gravel covered field south of the 403 Building and cannot be identified visually. The site is not located in a depression or contaminated area.

Basis for reclassification:

The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain.

The site is active and receives less than 0.038 liters (0.01 gallons) per minute HVAC condensate only. Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received condensate only.

<u>Douglas H. Chapin</u> DOE Project Manager	<u><i>Douglas H. Chapin</i></u> Signature	<u>12/3/98</u> Date
Ecology Project Manager	Signature	Date
<u>David R. Egan</u> EPA Project Manager	<u><i>David R. Egan</i></u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD2

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD2, 400 Area French Drain 2, 4621E Building HVAC Condensate and Stormwater, Miscellaneous Stream #16, Injection Well #02

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587665.5

(N) 123160.258

Washington State Plane

Site Description: The unit is a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or polyvinyl chloride (PVC) pipe filled with gravel. The above ground portion is a 0.9 meter (3 foot) long, 15.2 centimeter (6 inch) diameter rusted metal pipe capped with a metal plug and surrounded with landscaping rocks and shrubs. The site is not located in a depression or contaminated area.

Location Description: The site is located 3.05 meters (10 feet) south of 4710 Building and 6.1 meters (20 feet) east of that building's southwest corner. It is 7.6 centimeters (3 inch) north of a paved sidewalk.

Process Description: The site receives both stormwater runoff and Heating, Ventilation, and Air Conditioning (HVAC) condensate. The HVAC system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit drained to the french drain.

Associated Structures: The site is associated with the 4621E Building.

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: No monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 2 (#94-525).
4. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
5. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
6. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4509
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix: Other

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Water
Category: Nondangerous/nonradioactive
Physical State: Liquid
Start Date: 1980

Description: Reports conflict about effluents discharged to this unit. It may have received stormwater; and Heating, Ventilation, and Air Conditioning (HVAC) system condensate from the 4621E Auxiliary Equipment Building; and/or water and detergent solutions. The "Inventory of Miscellaneous Streams", Revision 3, lists the sources as stormwater and potable water. This document lists the flow rate as less than 0.038 liters per minute (0.01 gallons per minute).

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 09/29/1998

Field Crew: Tim Johnson, Tom Dillhoff

End Date: 09/29/1998**Purpose:** Site verification

Comment: The site was identified by a capped vertical 11.4-centimeter (4.5-inch) diameter pipe located in the shrubbery on the south side of the 4710 building. The site is not located in a depression or a contaminated area and there are no postings.

Site Cover:**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:**Date Taken:** 9/29/98**Pathname:** \\bhi002\esd-img\400\1115\1115_01.JPG**Description:** The site is located in the center of the photo in the dark shaded area.**Date Taken:** 1/1/94**Pathname:** \\bhi002\esd-img\400\1115\1115_02.JPG

Description: This is the image for 400 FD2 used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-43.

Waste Site Reclassification Form

Date Submitted: 10/13/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD2 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-104
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or polyvinyl chloride (PVC) pipe filled with gravel. The above ground portion is a 0.9-meter (3-foot) long, 15.2-centimeter (6-inch) diameter rusted metal pipe capped with a metal plug and surrounded with landscaping rocks and shrubs. The site is not located in a depression or contaminated area.

Basis for reclassification:

The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain. The unit also collects and drains stormwater runoff.

The site is active and receives less than 0.038 liters (0.01 gallons) per minute HVAC condensate. Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

<u>Douglas H. Chapin</u> DOE Project Manager	<u>Ray G. Hill</u> Signature	<u>12/3/98</u> Date
Ecology Project Manager	Signature	Date
<u>David R. Finan</u> EPA Project Manager	<u>David R. Finan</u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD3

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD3, 400 Area French Drain 3, 408A East Dump Heat Exchanger Stormwater, Miscellaneous Stream #17, Injection Well #03

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587701.312

(N) 123081.867

Washington State Plane

Site Description: The unit is a 1.5-meter (5-feet) long, 1.2-meter (4-foot) diameter concrete or vitrified clay pipe filled with gravel. The above ground portion is two rusty metal pipes. One is 0.61 meters (2 feet) long and 8.9 centimeters (3.5 inches) in diameter. The other is 0.91 meters (3 feet) long and 11.4 centimeters (4.5 inches) in diameter. Each pipe is capped with a metal plug. The unit is surrounded by four 1.2-meter (4-feet) high yellow metal posts and is in a gravel-covered, vegetation-free field.

Location Description: The site is located 14.6 meters (42 feet) east of the southeast corner of the 408-A East Dump Heat Exchanger (DHX) outside the protected area fence.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states that this site receives both stormwater and potable water. However, there is no source of potable water to the 408-A DHX and stormwater is the only known contributor to the stream.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: No routine monitoring of the effluent is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 3 (#94-524).
4. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
5. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
6. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Start Date: 1980

Description: The site receives stormwater from the 408-A Dump Heat Exchanger (DHX). The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 09/29/1998

Field Crew: Tim Johnson, Tom Dillhoff

End Date: 09/29/1998

Purpose: Site verification

Comment: The site was found at the mapped location and identified in the field. Two vertical steel pipes, one 8.9 centimeters (3.5 inches) in diameter and one 11.4 centimeters (4.5 inches) in diameter, were observed at the site. The site was not located in a

depression and is not posted as a contamination area.

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/29/98

Pathname: \\bhi002\esd-img\400\1116\1116_01.JPG

Description: The site is two vertical steel pipes located inside the four yellow vertical steel pipe barricade.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1116\1116_02.JPG

Description: This is the image for 400 FD3 used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 49040997-41.

Waste Site Reclassification Form

Date Submitted: 10/13/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD3 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98- 101
---	---	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or vitrified clay pipe filled with gravel. The above ground portion is two rusty metal pipes. One is 0.61 meters (2 feet) long and 8.9 centimeters (3.5 inches) in diameter. The other is 0.91 meters (3 feet) long and 11.4 centimeters (4.5 inches) in diameter. Each pipe is capped with a metal plug. The unit is surrounded by four 1.2-meter (4-foot) high yellow metal posts and is in a gravel-covered, vegetation-free field.

Basis for reclassification:

This site is an accepted WIDS sites because the source (s) of the water was uncertain at the time the site was accepted into the database. The "Inventory of Miscellaneous Streams", Revision 3 lists the sources of the water as stormwater and potable water. However, there is no source of potable water to the building and stormwater is the only known contributor to the stream. The site is active. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute). Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

<i>Douglas H. Chapin</i> DOE Project Manager	<i>David R. Egan</i> Signature	<i>12/3/98</i> Date
Ecology Project Manager	Signature	Date
<i>David R. Egan</i> EPA Project Manager	<i>David R. Egan</i> Signature	<i>3 Dec 98</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD4

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD4, 400 Area French Drain 4, 491E Heat Transport Building Stormwater and HVAC Condensate, Miscellaneous Stream #18

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587655.125

(N) 123053.656

Washington State Plane

Site Description: The unit is a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or vitrified clay pipe filled with gravel. The above ground portion is a 0.91 meter (3 foot) long, 11.4-centimeter (4.5-inch) diameter, rusted metal pipe protruding from the middle of a gravel-covered field. It is surrounded by four 1.2-meter (4-foot) tall yellow metal posts. Each of the posts has had a 20-centimeter (8-inch) diameter PVC (polyvinyl chloride) pipe measuring 2.0 meters (6 feet 8 inches) in length placed over it. The white PVC pipes have been marked with three horizontal, yellow stripes.

Location Description: The site is located approximately 44 meters (144.3 feet) southeast of the 491-E building and approximately 19 meters (62.3 feet) north of the 4713A building.

Process Description: The site receives both stormwater runoff and Heating, Ventilation, and Air Conditioning (HVAC) condensate. The HVAC system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain.

Associated Structures: The site is related to the 491-E Building.

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: Effluent discharged to this unit is monitored regularly for radioactive and nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. M. W. Einan, 7/18/94, WIDS Site Modification: 400 Area French Drain 5 (#94-522).
4. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 4 (#94-523).
5. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
6. JR Culmer, 10/27/96, Spill/Release Checklist.
7. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible**Contractor/Subcontractor:** BWHC - B&W Hanford Company**Site Evaluation****Solid Waste Management Unit:** Yes**TPA Waste Management Unit Type:** Waste Disposal Unit**Permitting**

RCRA Part A Permit:	No	216/218 Permit:	ST 4509
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

**Air Operating Permit
Number(s):****Tri-Party Agreement**

Lead Regulatory Agency:	EPA
Unit Category:	216/218
TPA Appendix:	Other

Remediation and Closure**Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:**

Type:	Water
Category:	Nonregulated Waste
Physical State:	Liquid
Start Date:	1980

Description: Reports conflict about effluents discharged to this unit. It may receive dilute condensate; floor drain effluent and effluent from the 491-E Heat Transport Building consisting of stormwater from the roof of HTS-E, condensate from the building's Heating, Ventilation, and Air Conditioning (HVAC) system, rheostat water, and non-regulated quantities of sodium carbonate. The "Inventory of Miscellaneous Streams", Revision 3, lists the streams as HVAC condensate and storm water. The flow rate is less than 0.038 liters per minute (less than 0.01 gallons) per minute.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Type:	Water
--------------	-------

Category: Nondangerous/nonradioactive**Physical State:** Liquid**Start Date:** 1980**References:****Unplanned Releases:****Release Name:** Ethylene Glycol release to french drain #4.**Reported Date:** 10/27/96**Occurrence Rpt #:** N/A**Begin Date:** 10/25/96**Ref. Site Code:****End Date:** 10/25/96

Description: A power transfer line failed open causing excessive pressure in the line that set off the safety relief valve. 288 liters (76 gallons) or 323 kilograms (712 pounds) of 50% ethylene glycol was released from the 491-E building to the french drain. The spill did not exceed the applicable reportable quantity threshold of 2270 kilograms (5000 pounds) and was not reported as an Unusual Occurrence or Off-Normal event.

References: 1. JR Culmer, 10/27/96, Spill/Release Checklist.

Field Work:**Type:** Site Walkdown**Begin Date:** 09/29/1998**Field Crew:** Tim Johnson, Tom Dillhoff**End Date:** 09/29/1998**Purpose:** Site verification

Comment: The site was found at the mapped location. The site can be identified by a vertical, steel, 11.4-centimeter (4.5-inch) diameter steel pipe surrounded by four large diameter polyvinyl chloride (PVC) pipes. The site is an engineered structure, and is not located in a depression or a contaminated area.

Site Cover: Gravel or Rock**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:**Date Taken:** 9/29/98**Pathname:** \\bhi002\esd-img\400\1117\1117_01.JPG

Description: The site is a 4.5" diameter vertical steel pipe. The site is surrounded with large diameter PVC pipe.

Date Taken: 1/1/94**Pathname:** \\bhi002\esd-img\400\1117\1117_02.JPG

Description: This is the image for 400 FD4 used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-40.

Waste Site Reclassification Form

Date Submitted: 10/13/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD4 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-105
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or vitrified clay pipe filled with gravel. The above ground portion is a 0.91-meter (3-foot) long, 11.4-centimeter (4.5-inch) diameter, rusted metal pipe protruding from the middle of a gravel-covered field. It is surrounded by four 1.2-meter (4-foot) tall yellow metal posts. Each of the posts has had a 20-centimeter (8-inch) diameter PVC (polyvinyl chloride) pipe measuring 2.0 meters (6 feet 8 inches) in length placed over it. The white PVC pipes have been marked with three horizontal, yellow stripes.

A power transfer line failed open causing excessive pressure in the line that set off the safety relief valve. 288 liters (76 gallons) or 323 kilograms (712 pounds) of 50% ethylene glycol was released from the 491-E building to the french drain. The spill did not exceed the applicable reportable quantity threshold of 2270 kilograms (5000 pounds) and was not reported as an Unusual Occurrence or Off-Normal event.

Basis for reclassification:

The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain. The unit also collects and drains stormwater off the roof to HTS-E (491-E).

The site is active and receives less than 0.038 liters (0.01 gallons) per minute HVAC condensate. Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

<i>Douglas H. Chapin</i> DOE Project Manager	<i>Ray G. Hill</i> Signature	12/3/98 Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> EPA Project Manager	<i>David R. Einar</i> Signature	3 Dec 98 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD5

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD5, 400 Area French Drain 5, 408 South Building Stormwater and Condensate, Miscellaneous Stream #19, Injection Well #05

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587539.312

(N) 123055.906

Washington State Plane

Site Description: The unit is a 1.2-meter (4-foot) diameter 1.5-meter (5-foot) long concrete or polyvinyl chloride (PVC) pipe filled with gravel and located in a gravel and cobble covered field. The visible portion of the unit is two rusted metal stand pipes. On pipe is 38.1-centimeters (15 inches) tall by 11.4 centimeters (4.5 inches) in diameter and the other is 15.2 centimeters (6 inches) tall by 20.3 centimeters (8 inches) in diameter. Surrounding the unit are two 1.2-meter (4-foot) tall yellow metal posts. Both stand pipes have a metal cap.

Location Description: The site is located 39.6 meters (130 feet) south of the 408-C West Dump Heat Exchanger (DHX) and southwest of the Reactor Containment Building. This location is on the west side of the 491W Heat Transport Building.

Process Description: The site receives both stormwater runoff and heat exchanger condensate from the 491W Heat Transport Building. The heat exchanger system collects condensate from the air on the coils of the unit. The condensate is collected by the heat exchanger unit and drained to the french drain.

Associated Structures: The site is related to the 408 South Building and the 491-W Heat Transport Building.

Site Comment: Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: Effluent discharged to this drain is monitored regularly for radioactive and nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 5 (#94-522).
4. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
5. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
6. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes**TPA Waste Management Unit Type:** Waste Disposal Unit**Permitting****RCRA Part A Permit:** No **216/218 Permit:** No**RCRA Part B Permit:** No **NPDES:** No**Closure Plan:** No **State Waste Discharge Permit:** No**TSD Number:** **Septic Permit:** No**Air Operating Permit:** No **Inert Landfill:** No**Air Operating Permit
Number(s):****Tri-Party Agreement****Lead Regulatory Agency:** EPA**Unit Category:** 216/218**TPA Appendix:** Other**Remediation and Closure****Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Water**Category:** Nondangerous/nonradioactive**Physical State:** Liquid**Start Date:** 1980

Description: Reports conflict about effluents discharged to the unit, which may receive stormwater; dump heat exchanger effluent; and rheostat water containing non regulated quantities of sodium carbonate from the 408-B Dump Heat Exchanger (DHX) and the 491-W Heat Transport Building; condensate from building air cooling systems, solutions of water and detergent. The "Inventory of Miscellaneous Streams", Revision 3 lists the streams as heat exchanger condensate and stormwater. This document states that this stream receives the heat exchanger condensate formerly routed to Miscellaneous Stream #20 (WIDS Site Code 400 FD6). The document lists the flow rate as less than 0.08 liters per minute (0.02 gallons per minute).

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:**Type:** Site Walkdown

Begin Date:	09/29/1998	Field Crew:	Tim Johnson, Tom Dillhoff
End Date:	09/29/1998		
Purpose:	Site verification		
Comment:	The site was found in the field. The was identified by a vertical steel 11.4 centimeters (4.5 inches) diameter steel pipe barricaded by two larger steel pipes. The site is an engineered structure, and is not located in a depression or a contaminated area.		
Site Cover:	Gravel or Rock		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken:	9/29/98
Pathname:	\\bhi002\esd-img\400\1118\1118_01.JPG
Description:	The site is a 4.5" diameter pipe.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1118\1118_02.JPG
Description:	This is the image for 400 FD5 used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-10.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1118\1118_03.JPG
Description:	This image shows 400-10 (400 FD11) in the foreground, 400 FD5 behind it, and 400 FD6 in the rear left of the photo. The Sodium Storage Facility (400-31) was built in the rear area in this photo and covered 400 FD6. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-12.

Waste Site Reclassification Form

Date Submitted: 10/13/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD5 Type of Reclassification Action: <div style="display: flex; justify-content: space-between;"> <div>Rejected</div> <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between;"> <div>Closed-Out</div> <input type="radio"/> </div> <div style="display: flex; justify-content: space-between;"> <div>No Action</div> <input type="radio"/> </div>	Control Number: 98-106
---	--	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.2-meter (4-foot) diameter 1.5-meter (5-foot) long concrete or polyvinyl chloride (PVC) pipe filled with gravel and located in a gravel and cobble covered field. The visible portion of the unit is two rusted metal stand pipes. On pipe is 38.1-centimeters (15 inches) tall by 11.4 centimeters (4.5 inches) in diameter and the other is 15.2 centimeters (6 inches) tall by 20.3 centimeters (8 inches) in diameter. Surrounding the unit are two 1.2-meter (4-foot) tall yellow metal posts. Both stand pipes have a metal cap.

Basis for reclassification:

The site receives both storm water runoff and heat exchanger condensate from 491-W Heat Transport Building, west side. The heat exchanger system collects condensate from the air on the coils of the unit. The condensate is collected by the heat exchanger unit and drained to the french drain. The flow rate is less than 0.076 liters per minute (0.02 gallons per minute).

The stream receives the heat exchanger condensate formerly routed to miscellaneous stream #20 (WIDS Site Code 400 FD6).

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

<i>Douglas H. Chapin</i> DOE Project Manager	<i>Ray G. Hill</i> Signature	12/3/98 Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> EPA Project Manager	<i>David R. Einar</i> Signature	3 Dec 98 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD6

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD6, 400 Area French Drain 6, 408C West Dump Heat Exchanger Sump Stormwater, Miscellaneous Stream #20

Site Type: French Drain

Start Date: 1979

Status: Inactive

End Date: 1995

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587534

(N) 123064.852

Washington State Plane

Site Description: The site was a 1.2-meter (4-foot) diameter, 1.5-meter (5-foot) long, concrete or vitrified clay pipe, filled with gravel and cobble, and located in a gravel and cobble covered field. The above ground portion had three rusted metal pipes, one 0.9 meters (3 feet) tall, one 0.61 meters (2 feet) tall, and the third 0.3 meters (1 foot) tall. All three had metal caps. The unit was surrounded by four 1.2-meter (4-foot) high yellow metal marker posts.

The location of the site is now under the Sodium Storage Facility (Building 402). The site was abandoned in place. The site is not accessible.

Location Description: The site is located under the 402 building, 24.4 meters (80 feet) south of the 408C West Dump Heat Exchanger (DHX), 34.4 meters (113 feet) west of the 408B South Dump Heat Exchanger (DHX), and 16.8 meters (55 feet) northwest of 400 Area French Drain 5 (WIDS Site Code 400 FD5).

Associated Structures: The site was associated with the 408C West Dump Heat Exchanger.

Site Comment: The stormwater from 408C and the heat exchanger condensate have been rerouted to Injection Well #05 (Miscellaneous Stream #19, 400 FD5). This information was provided by the Regulatory Compliance Officer for the Fast Flux Test Facility (FFTF). This information is confirmed in drawing H-4-302424, the site demolition plan for the Sodium Storage Facility. The drawing shows that the feed pipe to the drain was cut north of the building's wall, routed around its western side and connected to 400 FD5. Notes on the drawing also state that the bollards (protective posts) were removed, the pipe and wood cap were removed from the structure, and the site was backfilled and compacted.

Revision 3 of the "Inventory of Miscellaneous Streams" incorrectly states that the site is active and receives stormwater from a nearby collection sump.

The end date of 1995 is based on the "as-built" date for drawing H-4-302424.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 6 (#94-521).
4. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
5. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
6. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.
7. 10/18/95, Sodium Storage Facility: Civil Site Demolition Plan, Key Plan, Drawing List, Details, H-4-302424, Rev 1.

Dimensions:

Depth / Height: 1.52 Meters 5.00 Feet

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on t

The Hanford Site Waste Management Units Report, DSI.

Regulatory Information:**Programmatic Responsibility**

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Water
Category: Nondangerous/nonradioactive
Physical State: Liquid
Start Date: 1980
Waste Obscured: Under Another Facility/Structure
Description: Reports conflict about effluents discharged to this unit. It may have received stormwater from the 408-C West Dump Heat Exchanger (DHX), condensate from building air cooling systems, floor drain effluent, and/or other stormwater. The Inventory of Miscellaneous Streams, Revision 3 lists the flow as less than 0.038 liters (0.01 gallons) per minute.

- References:**
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
 2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
 3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
 4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 09/29/1998 **Field Crew:** Tim Johnson, Tom Dillhoff

End Date: 09/29/1998

Purpose: Site description

Comment: The site is not accessible because the 402 Building (WIDS Site Code 400-31) is directly over it.

Site Cover:

Site Accessible: No **Site Found:** No

Soil Discoloration: No **Debris Visible:** No

- References:**
1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1119\1119_01.JPG

Description: This is the image for 400 FD6 used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-11.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1119\1119_02.JPG

Description: This image shows 400-10 (400 FD11) in the foreground, 400 FD5 behind it, and 400 FD6 in the rear left of the photo. The Sodium Storage Facility (400-31) was built in the rear area in this photo and covered 400 FD6. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-12.

Waste Site Reclassification Form

Date Submitted: 10/8/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD6 Type of Reclassification Action: <div style="display: flex; justify-content: space-between;"> <div>Rejected</div> <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between;"> <div>Closed-Out</div> <input type="radio"/> </div> <div style="display: flex; justify-content: space-between;"> <div>No Action</div> <input type="radio"/> </div>	Control Number: 98-082
--	--	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was a 1.2-meter (4-foot) diameter, 1.5-meter (5-foot) long, concrete or vitrified clay pipe, filled with gravel and cobble, and located in a gravel and cobble covered field. The above ground portion had three rusted metal pipes, one 0.9 meter (3 feet) tall, one 0.61 meters (2 feet) tall, and the third 0.3 meters (1 foot) tall. All three had metal caps. The unit was surrounded by four 1.2 meters (4 feet) high yellow metal marker posts.

The site is located under the Sodium Storage Facility (Building 402). The site was abandoned in place. The site is not accessible.

Basis for reclassification:

Information from the Fast Flux Test Facility (FFTF) Environmental Compliance Officer (Technical Point of Contact for FFTF) provided information that the site is inactive and that all streams (stormwater and heat exchanger condensate) were rerouted to WIDS Site Code 400 FD5. This information is confirmed in drawing H-4-302424, the site demolition plan for the Sodium Storage Facility. The drawing shows that the feed pipe to the drain was cut north of the building's wall, routed around its western side and connected to 400 FD5. Notes on the drawing also state that the bollards (protective posts) were removed, the pipe and wood cap were removed from the structure, and the site was backfilled and compacted. Based on the notes it appears that the main 1.2-meter (4-foot) diameter pipe was left in place, although this has not been confirmed. The "Inventory of Miscellaneous Streams", Revision 3, incorrectly lists the site as active and states that it receives stormwater that may be pumped from a nearby collection sump. The site received atmospheric water from a number of sources, such as, stormwater from the 408-C West Dump Heat Exchanger (DHX) and heat exchanger condensate from building 408C.

<i>Douglas H. Chapin</i> DOE Project Manager	<i>Wayne H. Hui</i> Signature	12/3/98 Date
Ecology Project Manager	Signature	Date
<i>David R. Eiran</i> EPA Project Manager	<i>David R. Eiran</i> Signature	3 Dec 98 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD7

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD7, 400 Area French Drain 7, 4621W Auxiliary Equipment Building HVAC Condensate and Stormwater, Miscellaneous Stream #21, 453C Switch Gear Pad Stormwater, Miscellaneous Stream #27, Injection Well #07

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587559.5

(N) 123142.383

Washington State Plane

Site Description: The unit is a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or polyvinyl chloride (PVC) pipe filled with gravel. Drawing H-4-14647 shows the site to be in the middle of a paved area northwest of the Fast Flux Test Facility (FFTF) Reactor Containment Building, south of some water tanks. The unit has a 15.2 centimeter (6 inch) diameter metal pipe with a metal cap at grade in its center. The french drain is not visible from the surface. It is paved over with asphalt. Drawing H-4-152050 show both the 453-C Building and 4621-W Building connected to it by pipelines.

Location Description: The site is located 15.2 meters (50 feet) north of the 408C West Dump Heat Exchanger (DHX) and on the west side of the 4621W Auxiliary Equipment Building.

Associated Structures: The site is related to the 453C Switch Gear Pad and the 4621W Auxiliary Equipment Building.

Site Comment: The site receives potable water and stormwater from several sources. From 4621W Auxiliary Equipment Building, the site receives Heating, Ventilation, and Air Conditioning (HVAC) condensate, floor drain water, and roof stormwater. These discharges are identified in the "Inventory of Miscellaneous Streams", Revision 3, as stream #21. Additionally, the site receives stormwater runoff from the 453C Switch Gear Pad. This stormwater runoff is identified as stream #27.

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: No routine monitoring is performed at this site for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
4. Marth Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 7 (#94-520).
5. 2/25/83, 400 Area Sewer Plan, H-4-152050.
6. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4509
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix: Other

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Water
Category: Nondangerous/nonradioactive
Physical State: Liquid
Start Date: 1980

Description: The site receives potable and stormwater from several sources. It receives stormwater from the 453-C Switch Gear Pad; effluent from the 4621W Auxiliary Equipment Building, that includes condensate from Heating, Ventilation, and Air Conditioning (HVAC) coolers, water from roof and floor drains and stormwater. The flow rate for the streams from the 4621W Building is less than 0.038 liters per minute (0.01 gallons per minute). The flow rate for the stormwater runoff from the 453C Switch Gear Pad is less than 0.038 liters per minute (0.01 gallons per minute).

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:**Type:** Site Walkdown**Begin Date:** 09/29/1998**Field Crew:** Tim Johnson, Tom Dillhoff**End Date:** 09/29/1998**Purpose:** Site verification

Comment: The site is located underground and is not visible at the mapped location. The site is an engineered structure, is not located in a depression, and is not posted as a contaminated area.

Site Cover: Asphalt**Site Accessible:** No**Site Found:** No**Soil Discoloration:** No**Debris Visible:** No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:**Date Taken:** 9/29/98**Pathname:** \\bhi002\esd-img\400\1120\1120_01.JPG

Description: The site is underground and not visible at the mapped location. The photo shows the paved area over the approximate location of the site.

Waste Site Reclassification Form

Date Submitted: 10/15/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD7 Type of Reclassification Action: <div style="display: flex; justify-content: space-between;"> <div>Rejected</div> <div><input checked="" type="radio"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Closed-Out</div> <div><input type="radio"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>No Action</div> <div><input type="radio"/></div> </div>	Control Number: 98-108
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a 1.5-meter (5-foot) long, 1.2 meter (4-foot) diameter concrete or polyvinyl chloride (PVC) pipe filled with gravel. Drawing H-2-24647 shows the site to be in the middle of a paved area west of the Fast Flux Test Facility (FFTF) Reactor Containment Building, south of some water tanks. The unit has a 15.2-centimeter (6-inch) diameter metal pipe with a metal cap at grade in its center. The french drain is not visible from the surface. It is paved over with asphalt. Drawing H-4-152050 show both the 453-C Building and 4621-W Building connected to it by pipelines.

Basis for reclassification:

The site receives potable and stormwater from several sources. From 4621W Auxiliary Equipment Building, the site receives Heating, Ventilation, and Air Conditioning (HVAC) condensate, floor drain water, and roof storm water. These discharges are identified in the "Inventory of Miscellaneous Streams", Revision 3, as stream #21. Additionally, the site receives stormwater runoff from the 453C Switch Gear Pad. This stormwater runoff is identified as stream #27. The flow rate for the streams from the 4621W Building is less than 0.038 liters per minute (0.01 gallons per minute). The flow rate for the stormwater runoff from the 453C Switch Gear Pad is less than 0.038 liters per minute (0.01 gallons per minute).

Disposal structures meeting the definition of "underground injection control", as stated in the Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

<u>Douglas H. Chapin</u> DOE Project Manager	<u><i>Douglas H. Chapin</i></u> Signature	<u>12/3/98</u> Date
Ecology Project Manager	Signature	Date
<u>David R. Feinan</u> EPA Project Manager	<u><i>David R. Feinan</i></u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/3/1999

Site Code: 400 FD8

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD8, 400 Area French Drain 8, 4621W Auxiliary Equipment Building HVAC Condensate, Miscellaneous Stream #22, Injection Well #08

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587572.75

(N) 123157.57

Washington State Plane

Site Description: The unit is a 1.2-meter (4-foot) diameter, 1.5-meter (5-foot) long concrete or polyvinyl chloride (PVC) pipe filled with gravel. Drawing H-4-14647 shows the site to be located in an asphalt covered area. The site is capped by a 20.3-centimeter (8-inch) diameter metal stand pipe with a metal lid at grade.

Location Description: The site is located south of the 484 Building, 7.6 meters (25 feet) east and slightly south of the 482B/T-87 Storage Tank. The site is on the southwest side of the 4621W Building.

Process Description: The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain.

Associated Structures: The site is related to the 4621W Auxiliary Equipment Building.

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received condensate only.

Environmental Monitoring Description: Monitoring is performed regularly for radioactive and nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Process Sewer Dry Well System, H-4-14647.
4. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
5. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 8 (#94-519).
6. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80

Confirmed By Program: Yes

DOE Division: SPO - Standby Project Office

Responsible

Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4509
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency:	EPA
Unit Category:	216/218
TPA Appendix:	Other

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Water
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Start Date:	1980
Description:	The site receives Heating, Ventilation, and Air Conditioning (HVAC) condensate from the 4621W Auxiliary Equipment Building. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).
References:	<ol style="list-style-type: none">1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type:	Site Walkdown		
Begin Date:	09/29/1998	Field Crew:	Tim Johnson, Tom Dillhoff
End Date:	09/29/1998		
Purpose:	Site verification		
Comment:	The site was found and identified in the field at the mapped location. The site is a 20.3 centimeters (8 inches) diameter capped pipe flush with the ground surface. The site is		

an engineered structure, is not located in a depression, is not located in a contaminated area, and has no postings.

Site Cover: Asphalt

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/29/98

Pathname: \\bhi002\esd-img\400\1121\1121_01.JPG

Description: The site is the 8" diameter capped steel pipe visible on the ground surface.

Waste Site Reclassification Form

Date Submitted: 10/15/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD8 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-109
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

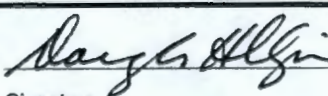
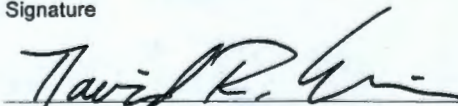
Description of current waste site condition:

The unit is a 1.2-meter (4-foot) diameter, 1.5-meter (5-foot) long concrete or polyvinyl chloride (PVC) pipe filled with gravel. Drawing H-2-14647 shows the site to be located in an asphalt covered area. The site is capped by a 15.2-centimeter (6-inch) diameter metal stand pipe with a metal lid at grade

Basis for reclassification:

The Heating, Ventilation, and Air Conditioning (HVAC) system collects condensate from the air on the coils of the unit. The condensate is collected by the HVAC unit and drained to the french drain. The HVAC condensate is from the 4621W Auxiliary Equipment Building. The site received HVAC condensate only. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).

Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code(WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received condensate only.

Douglas H. Chapin DOE Project Manager	 Signature	12/3/98 Date
Ecology Project Manager	Signature	Date
David R. Einar EPA Project Manager	 Signature	3 Dec 98 Date

Waste Information Data System

General Summary Report

3/3/1999

Site Code: 400 FD9

Site Reclassification Status: Rejected

Page 1

Site Names: 400 FD9, 400 Area French Drain 9, 481 Pumphouse Sanitary Water and Salt Water, Miscellaneous Stream #23, Injection Well #09

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587521.438

(N) 123163.398

Washington State Plane

Site Description: The unit consists of a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or vitrified clay pipe filled with gravel. The above grade structure is a rusted metal stand pipe 12.7 centimeters (5 inches) in diameter and 30.5 centimeters (1 foot) tall. It is located in a vegetation free, gravel covered field, and is surrounded by three 1.2-meter (4-foot) tall yellow steel posts

Location Description: The site is located approximately 39.6 meters (130 feet) north of the 408-C West Dump Heat Exchanger (DHX) and southwest of the 482A/T-58 and 482B/T-87 Water Tanks.

Associated Structures: The site is related to the 481 Pumphouse.

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Process Sewer Dry Well System, H-4-14647.
4. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
5. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 1.22 Meters 4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4509
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Water
Category: Nondangerous/nonradioactive
Physical State: Liquid
Start Date: 1980

Description: The site receives sanitary water from pump seal leaks, and salt water from water softener back flushing from the 481 Pumphouse. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute)

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 09/29/1998 Field Crew: Tim Johnson, Tom Dillhoff

End Date: 09/29/1998

Purpose: Site verification

Comment: The site is underground and is not visible at the mapped location. The site is an engineered structure, is not located in a depression and is not located in a contaminated area.

Site Cover: Bare Soil

Site Code: 400 FD9

Site Reclassification Status: Rejected

Page 3

Site Accessible: No

Site Found: No

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/30/98

Pathname: \\bhi002\esd-img\400\1122\1122_01.JPG

Description: The site is underground and not visible at the mapped location. Photo shows area over the approximate location of the site.

Waste Site Reclassification Form

Date Submitted: 10/15/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 FD9 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98- 110
---	---	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit consists of a 1.5-meter (5-foot) long, 1.2-meter (4-foot) diameter concrete or vitrified clay pipe filled with gravel. The above grade structure is a rusted metal stand pipe 12.7 centimeters (5 inches) in diameter and 30.5 centimeters (1 foot) tall. It is located in a vegetation free, gravel covered field, and is surrounded by three 1.2-meter (4-foot) tall yellow steel posts.

Basis for reclassification:

The site received sanitary water from the 481 Pumphouse pump seal leaks and salt water from water softener regeneration. The flow rate is less than 0.038 liters per minute (0.01 gallons per minute).

Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells.

<u>Douglas H. Chapin</u> DOE Project Manager	<u>David R. Einar</u> Signature	<u>12/3/98</u> Date
Ecology Project Manager	Signature	Date
<u>David R. Einar</u> EPA Project Manager	<u>David R. Einar</u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/3/1999

Site Code: 400 FD10

Site Classification: Rejected

Page 1

Site Names: 400 FD10, 400 Area French Drain 10, 482A Building - T-58 Stormwater, Miscellaneous Stream #25, Injection Well #10

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587516.25

(N) 123180.969

Washington State Plane

Site Description: The site is either a concrete or vitrified clay pipe filled with gravel (H-4-14647). The disposal structure is not visible in the field. The drawing (H-4-14647) states that the drywells shall be located in the field so that they are 12.2 meters (40 feet) minimum from the nearest building line and 3.05 meters (10 feet) minimum from utilities and other structures.

The pipe (cast iron soil) invert is to the top of the french drain. Connections (elbows) are made with 45 degree laterals. The top of the french drain is covered by a polyethylene sheet and a 5.1-centimeter (2-inch) thick redwood or cedar wooden cover.

The feed pipe is a 10.2 centimeter (4 inch) diameter steel pipe (drain line) with metal grate cover that is flush with the surrounding concrete paved area. The feed pipe drain is located at the base of a set of concrete steps leading to the equipment room for the 482A/T-58 Water Storage Tank. The Water Storage Tank is a concrete structure with a subgrade equipment room and concrete steps leading to the equipment room.

Location Description: The french drain is located 12.2 meters (40 feet) west and slightly north of the 482A/T-58 Water Storage Tank.

Process Description: The site is used to receive stormwater runoff from the storage tank and the floor drain located at the base of the steps leading to the equipment room.

Associated Structures: The site is associated with the 482A/T-58 Water Storage Tank and the equipment room for this same structure.

A similar structure exists for the 482B/T-87 Water Storage Tank. The french drain associated with the 482B/T-87 Water Storage Tank is WIDS Site Code 400 FD10A.

Site Comment: Note that the disposal structure is not visible at the surface. The location is only approximate since drawing H-4-14647 states that the structure shall be field located.

Because of the number of discrepancies and confusion related to this site, a field walkdown was conducted on April 18, 1997 with WIDS Team personnel and 400 Area personnel. The Altitude Valve Pit T-58 and T-87 (Miscellaneous Stream #31 and #32) were identified as the floor drains (located at the bottom of the concrete stairs) for the Water Storage Tanks. These floor drains are not miscellaneous stream disposal structures. They are the source feed (pipe) structure for the disposal french drains.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

At one time the floor drain (source feed pipe for this site) was identified as a separate site, Miscellaneous Stream #31, Altitude Valve Pit T-58. This site has since been identified in the "Inventory of Miscellaneous Streams", Revision 3, as a deleted (duplicate) site.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

4. Process Sewer Dry Well System, H-4-14647.
5. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 10 (#94-517).
6. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.
7. 5/10/95, Piping and Instrument Diagram Service Piping Well Water Pumps and Storage Tanks System 23, H-4-11008, Sht 1.
8. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Depth / Height:	1.52 Meters	5.00 Feet
Diameter:	1.22 Meters	4.00 Feet

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.

Regulatory Information:**Programmatic Responsibility**

DOE Program:	NE-80	Confirmed By Program:	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Start Date: 1980
Waste Obscured: Soil Overburden
Description: The site receives stormwater runoff from the 482A/T-58 Water Storage Tank and Equipment Room Structure. The flow rate is less than 0.038 liters (0.01 gallons) per minute.
References:
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 10 (#94-517).
3. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 09/29/1998 **Field Crew:** Tim Johnson, Tom Dillhoff
End Date: 09/29/1998
Purpose: Site verification
Comment: The site is underground and is not visible at the mapped location. The site is not located in a depression and shows no evidence of contamination and has no postings.
Site Cover: Gravel or Rock
Site Accessible: No **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/30/98
Pathname: \\bhi002\esd-img\400\1111\1111_01.JPG
Description: The site is underground and not visible at the mapped location. Photo shows the area located over the site.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	400 FD10	8/12/1998
Site Alias(es):	400 FD10, 400 Area French Drain 10, French Drain Number 10, French Drain 10, Miscellaneous Stream #25, Injection Well #10	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES NO

☐ ☐

2. Complete Items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ☐ n ☐

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ☐ n ☐

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ☐ n ☐

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☐

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ☐ n ☐

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ☐ n ☐

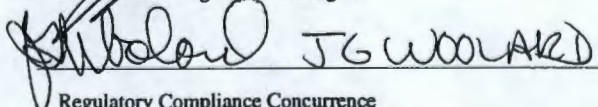
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 400 FD10

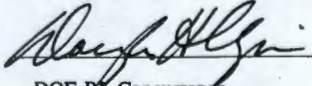
8/12/98

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments: This french drain is not classified as a waste disposal unit that "may require action to mitigate a potential environmental impact" because of the nonhazardous nature of the wastes it received. The site received stormwater only.


ERC Data Management Investigator8/12/98
Date
Regulatory Compliance Concurrence8/12/98
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence12/3/98
Date
Lead Regulatory Agency Concurrence5 Dec 98
Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 FD10A

Site Classification: Rejected

Page 1

Site Names: 400 FD10A, 400 Area French Drain 10A, 482A Building -T-87 Stormwater, Miscellaneous Stream #24, Injection Well #10A

Site Type: French Drain

Start Date: 1979

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587546.312

(N) 123186.172

Washington State Plane

Site Description: The site is either a concrete or vitrified clay pipe filled with gravel (H-4-14647). The disposal structure is not visible in the field. The drawing (H-4-14647) states that the drywells shall be located in the field so that they are 12.2 meters (40 feet) minimum from the nearest building line and 3.05 meters (10 feet) minimum from utilities and other structures.

The pipe (cast iron soil) invert is to the top of the french drain. Connections (elbows) are made with 45 degree laterals. The top of the french drain is covered by a polyethylene sheet and a 5.1 centimeter (2 inch) thick redwood or cedar wooden cover.

The feed pipe is a 10.2 centimeter (4 inch) diameter steel pipe (drain line) with metal grate cover that is flush with the surrounding concrete paved area. The feed pipe drain is located at the base of a set of concrete steps leading to the equipment room for the 482B/T-87 Water Storage Tank. The Water Storage Tank is a concrete structure with a subgrade equipment room and concrete steps leading to the equipment room.

Location Description: The french drain is located 6.4 meters (21 feet) northwest of the 482B/T-87 Water Storage Tank.

Process Description: The site is used to receive stormwater runoff from the storage tank and the floor drain located at the base of the steps leading to the equipment room.

Associated Structures: The site is associated with the 482B/T-87 Water Storage Tank and the equipment room for this same structure.

A similar structure exists for the 482A/T-58 Water Storage Tank. The french drain associated with the 482A/T-58 Water Storage Tank is WIDS Site Code 400 FD10.

Site Comment: Note that the disposal structure is not visible at the surface. The location is only approximate since drawing H-4-14647 states that the structure shall be field located.

A field walkdown was conducted on April 18, 1997, by WIDS and 400 Area personnel to correct discrepancies and confusion related to the descriptions of sites 400 FD10 and 400 FD10A. Altitude Valve Pits T-58 and T-87 (formerly identified as Miscellaneous Streams #31 and #32) were identified as the floor drains (located at the bottom of the concrete stairs) for the Water Storage Tanks 482A/T-58 and 482B/T-87. These floor drains are the source feed (pipe) structures for disposal French Drains 10 and 10A and are not miscellaneous stream disposal structures.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. Process Sewer Dry Well System, H-4-14647.
5. E. J. Millikin, 08/31/88, Low Volume Effluent Evaluation, WHC-SD-WM-EV-011, Rev 0.
6. Martha Einan, 11/2/94, WIDS Site Modification: 400 Area French Drain 10A (#94-513).
7. 5/10/95, Piping and Instrument Diagram Service Piping Well Water Pumps and Storage Tanks System

Site Code: 400 FD10A

Site Classification: Rejected

Page 2

23, H-4-11008, Sht 1.

8. 4/18/97, Memo from Chris Webb to Linda Dietz : 400 Area French Drain Information Discrepancies.

9. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Depth / Height: 1.52 Meters 5.00 Feet

Diameter: 1.22 Meters 4.00 Feet

Site Shape: Circle

References: 1. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.
2. Process Sewer Dry Well System, H-4-14647.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix: Other

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Start Date: 1980
Waste Obscured: Soil Overburden
Description: The site receives stormwater runoff from the 482B/T-87 Water Storage Tank and Equipment Room Structure. The flow rate is less than 0.038 liters (0.01 gallons) per minute.
References:
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. 4/5/95, Inventory of Miscellaneous Liquid Effluent Streams at the Hanford Site.
3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 09/29/1998 **Field Crew:** Tim Johnson, Tom Dillhoff
End Date: 09/29/1998
Purpose: Site verification
Comment: The site was found at the mapped location. The site can be identified at the surface by an 11.4 centimeter (4.5 inch), vertical, capped, steel pipe. The site is an engineered structure, is not located in a depression, and is not posted as a contamination area.
Site Cover: Bare Soil
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 9/29/98
Pathname: \\bhi002\esd-img\400\1112\1112_01.JPG
Description: The site is a 4.5" diameter vertical pipe.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	400 FD10A	8/12/1998
Site Alias(es):	400 FD10A, 400 Area French Drain 10A, French Drain Number 10A, French Drain 10A, Miscellaneous Stream #24	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ☐ n ☐

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ☐ n ☐

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ☐ n ☐

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☐

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO,

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ☐ n ☐

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ☐ n ☐

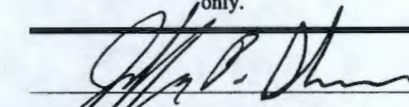
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 400 FD10A

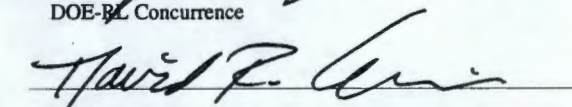
8/12/98

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES <input type="radio"/>	NO <input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES <input type="radio"/>	NO <input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES <input type="radio"/>	NO <input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES <input type="radio"/>	NO <input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES <input type="radio"/>	NO <input type="radio"/>

Comments: This french drain is not classified as a waste disposal unit that "may require action to mitigate a potential environmental impact" because of the nonhazardous nature of the wastes it received. The site receives stormwater only.


EPC Data Management Investigator8/12/98
Date
Regulatory Compliance Concurrence8/12/98
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence12/3/98
Date
Lead Regulatory Agency Concurrence3 Dec 98
Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 RFD

Site Classification: Rejected

Page 1

Site Names: 400 RFD, 400 Area Retired French Drains

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587488.5

(N) 123254.336

Washington State Plane

Site Description: The sites cannot be positively described, although most french drains in the 400 area are 1.5 meter (5 foot) long, 1.2 meter (4 foot) diameter concrete or vitrified clay pipes filled with gravel.

Location Description: The site(s) are purported to be located in various locations within the 400 area.

Site Comment: This "waste site" was used to document the probable existence of an unknown number of french drains used during the construction phase of the FFTF complex. No specific information can be located related to specific locations or how many french drain may exist. Since many of the french drains in the 400 Area are subsurface structures, no visual identification can be made. The first Hanford Site Waste Management Units Report, dated May 1987, states that the french drains received 40 kilograms of sodium dichromate. This cannot be substantiated since the document does not provide references.

The Technical Baseline Report, BHI-00012, lists one possible location as west of the 483 Building. This document describes the site as a 15.2-centimeter (6-inch) pipe that emerges from one of the asphalt covered areas and is covered at grade level with a metal lid stamped "Water". Actually, this structure provides water shutoff access to the water supply system and is not a disposal unit.

Other possible locations for the french drains are shown on drawing H-4-152051, Sheet 6, which shows the temporary construction facilities. There are small "o"s at the bends of the sanitary pipeline that are labeled in the legend as dry wells. Drawing H-4-152051, sheet 5, has bends in the pipeline drawn as small "o"s and labeled beside them as "c.o.", an abbreviation typically used for sewer clean outs. However, in the legend the small "o"s are identified as dry wells.

The participants at the March 20, 1997 300-FF-2 Operable Unit Managers meeting concurred that the 400 Area Retired French Drains be rejected as a waste site. In accordance with current practices, any french drains that can be identified from a drawing, field surveillance or other means should be given a separate waste site identification number.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

- References:**
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
 2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 3. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
 4. L.C. Hulstrom, 3/21/97, Proposed Changes to WIDS for the 400 RFD Waste Site.
 5. G.O. Gesell, 3/20/97, 300 Area Unit Managers Meeting Minutes.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Hazardous/Dangerous

Physical State: Liquid

Description: The retired french drains received unknown amounts of water used during construction for washing components prior to installation. The combined hazardous chemical inventory for the drains reportedly includes 40 kilograms of sodium dichromate. Based on reviews of available technical information, this information has not been substantiated.

References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Field Work:

Type: Site Walkdown

Begin Date: 10/05/1998

Field Crew: Tim Johnson, Mark Eby

End Date: 10/05/1998

Purpose: Site verification

Comment: The site was not visible at the mapped location.

Site Cover:

Site Code: 400 RFD

Site Classification: Rejected

Page 3

Site Cover: Gravel or Rock

Site Accessible: No

Site Found: No

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	400 RFD	12/3/1998
Site Alias(es):	400 RFD, 400 Area Retired French Drains	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES NO

☐ ☒

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ☐ n ☒

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ☐ n ☐

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ☐ n ☐

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☐

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ☐ n ☐

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ☐ n ☐

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 400 RFD

12/3/98

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>

Comments: This classification is based on the fact that specific french drains are not identified as part of this site and french drains in the 400 Area are being added to WIDS as separate sites as they are identified. The March 20, 1997, 300 Area Unit Managers Meeting concluded that the 400 Area Retired French Drains should be rejected as a waste site.

ERG Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

12/3/98

12/2/98

12/3/98

3 Dec 98

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 RSP

Site Reclassification Status: Rejected

Page 1

Site Names: 400 RSP, 400 Area Retired Sanitary Pond

Site Type: Pond

Start Date: 1972

Status: Inactive

End Date: 1979

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587274.562

(N) 122960.82

Washington State Plane

Site Description: This site was one component of a sanitary sewer system that supported the temporary facilities during construction of the FFTF. The site was a sanitary sewer pond that has been backfilled and is not visible. It currently appears as a vegetation-free, cobble-covered area. Originally, the site was 152 meters (500 feet) long and (152 meters) (500 feet) wide. Three square unlabeled manholes that provided access to the sanitary sewer pipelines (now abandoned in place) are located in the area and each manhole is adjacent to two 9 meter (3 foot) high metal posts.

Location Description: The site is located west of the 4706 building.

Associated Structures: The site was related to Portable Sanitary Sewage Treatment Plant (retired) (WIDS Site 400-9), sanitary sewer pipelines that remain in place, and retired septic tanks.

Site Comment: The portable sanitary sewage treatment plant, sanitary pond, septic tanks, and sanitary sewer piping were replaced by the 4607 Sanitary Sewer that began operation in 1979. The portable treatment plant was removed from the site after retirement. The retired sanitary pond was backfilled and abandoned. The septic tanks and sanitary sewer pipelines were abandoned in place.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 5/10/95, 400 Area Outside Lines, Sewers, H-4-152051, Sht 6.
4. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Dimensions:

Length: 152.40 Meters 500.00 Feet

Width: 152.40 Meters 500.00 Feet

Site Shape: Square

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 Confirmed By Program: Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:**Permitting**

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA
Unit Category: Septic
TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage
Category: Nondangerous/nonradioactive
Physical State: Liquid
Start Date: 1972 End Date: 1979
Waste Obscured: Gravel/Cobble Overburden
Description: The unit received 45,420 liters (12,000 gallons) per day of aqueous wastes from a portable sanitary sewage treatment plant that was located several hundred feet away from the pond. Nonhazardous sludges were taken offsite for disposal while the plant and pond were operating.
References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Field Work:

Type: Site Walkdown
Begin Date: 10/21/1998 Field Crew: Tim Johnson
End Date: 10/21/1998
Purpose: Site verification

Site Code: 400 RSP

Site Reclassification Status: Rejected

Page 3

Comment: The site has been covered with gravel. No evidence of the site was found at the time of the inspection.

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: No

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 10/21/98

Pathname: \\bhi002\esd-img\400\1125\1125_01.JPG

Description: The site of the former 400 Area Retired Sanitary Pond located in the graveled area looking east to the 4706 building.

Waste Site Reclassification Form

Date Submitted: 10/22/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400 RSP Type of Reclassification Action: <div style="display: flex; justify-content: space-between;"> <div>Rejected</div> <div><input checked="" type="radio"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Closed-Out</div> <div><input type="radio"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>No Action</div> <div><input type="radio"/></div> </div>	Control Number: 98-155
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

This site was one component of a sanitary sewer system that supported the temporary facilities during the construction of the FFTF. The site was a sanitary sewer pond that has been backfilled and is not visible. It currently appears as a vegetation-free, cobble-covered area. Originally, the site was 152 meters (500 feet) long and (152 meters) (500 feet) wide. Three square unlabeled manholes that provided access to the sanitary sewer pipelines (now abandoned in place) are located in the area and each manhole is adjacent to two 9 meter (3 foot) high metal posts.

Basis for reclassification:

The portable sanitary sewage treatment plant, sanitary pond, septic tanks, and sanitary sewer piping were replaced by the 4607 Sanitary Sewer that began operation in 1979. The portable treatment plant was removed from the site after retirement. The retired sanitary pond was backfilled and abandoned. The septic tanks and sanitary sewer pipelines were abandoned in place.

The site received nondangerous/nonradioactive sanitary sewage. The unit received 45,420 liters (12,000 gallons) per day of aqueous wastes from a portable sanitary sewage treatment plant. Nonhazardous sludges were taken offsite for disposal while the plant and pond were operating.

<i>Douglas H. Chapin</i> DOE Project Manager	<i>Douglas H. Chapin</i> Signature	12/3/98 Date
Ecology Project Manager <i>David R. Egan</i> EPA Project Manager	Signature <i>David R. Egan</i> Signature	Date 3 Dec 98 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code:	400 RST	Site Reclassification Status:	Rejected	Page	1
Site Names:	400 RST, 400 Area Retired Septic Tanks				
Site Type:	Septic Tank	Start Date:	1979		
Status:	Inactive	End Date:	1983		
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	400	(E)	587650.688		
		(N)	122977.453		
		Washington State Plane			
Site Description:	<p>Three septic tanks are shown on drawing H-4-152051 and are listed as inactive waste disposal units in the Hanford Site Waste Management Units Report. There are no signs to mark the septic tanks. Surface features in the locations indicated on the drawing include two steel manhole covers near the southeast portion of 4702. One lid was partially covered with gravel. It is bolted down in the center and has perforated holes around its perimeter. The second manhole cover is posted with a "Danger: Limited Access, Confined Space, Class II" sign. On the east side of the center wing of 4702 Building is a 0.6 meter (2 foot) square concrete pad with a white 10 centimeter (4 inch) diameter PVC vent pipe protruding from the center. On the west side of the 4702 Building is a steel manhole that is surrounded by four yellow posts. It is also posted with a Confined Space, Class II sign. South of this manhole (on the west side of 4702 Building) is another 0.6 meter (2 foot) square concrete pad with a white 10 centimeter (4 inch) diameter PVC vent pipe protruding from the center.</p>				
Location Description:	<p>The tanks are located on the south and west sides of the 4702 Building. The building is surrounded by vegetation-free, cobbles. Two tanks are on the south side of the building and one is on the west side near the northwest corner of 4702. The first tank is located approximately 40 feet (12.2 m) west of the southeast wing of the 4702 building. The second tank is located approximately 5 feet (1.5 m) east of the building's central wing. The third tank is located approximately 5.5 meters (18 feet) west of 4702 and east of the 4734-D building.</p>				
Site Comment:	<p>The three septic tanks were installed in 1979 to supplement the 4607 Sanitary Sewer. The coordinates listed are for the "third" site. The manhole at the third site is believed to be the correct location for the septic tank although drawing H-4-152051 indicates the tank may be a few meters south of the listed coordinates and perhaps under a sidewalk when compared to ArcView mapping.</p>				
Environmental Monitoring Description:	<p>No routine monitoring is performed for radioactive or nonradioactive constituents.</p>				
References:	<ol style="list-style-type: none">1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.3. 2/26/83, 400 Area Outside Lines, Sewers, H-4-152051, Sht 2.4. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.5. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.				

Site Hazards:

Hazard Type:	Physical	Status:	Verified	Date:	11/6/98
Description:	Limited Access & Confined Space				
References:	1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.				

Regulatory Information:

	Programmatic Responsibility	
DOE Program:	EM-70	Confirmed By Program: Yes
DOE Division:	SID - Site Infrastructure Division	
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.	

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Septic

TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The units received unknown amounts of sanitary wastes from office buildings.

References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Field Work:

Type: Site Walkdown

Begin Date: 11/06/1998

Field Crew: CR Webb, C. Marple

End Date: 11/06/1998

Purpose: Verification

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1126\1126_01.JPG

Description: This photo shows the first of three septic tanks that are included in the 400 Area Retire Septic Tanks (400 RST). This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040147-3.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1126\1126_02.JPG

Description: This photo shows the second of three septic tanks that are included in the 400 Area Retire Septic Tanks (400 RST). This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040147-2.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1126\1126_03.JPG

Description: This photo shows what may be the third of three septic tanks that are included in the 400 Area Retire Septic Tanks (400 RST). This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040147-4.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1126\1126_04.JPG

Description: Photo shows the south side of the center section of the 4702 Building.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1126\1126_05.JPG

Description: This photo shows the PVC vent pipe where Tank 2 is supposed to be located.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1126\1126_06.JPG

Description: This photo shows the southeastern portion of the 4702 Building. Tank #1 is located in this area. The manhole covers are in the foreground.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1126\1126_07.JPG

Description: Two manhole covers are located adjacent to each other in the area where Tank 1 is located. One has a Confined Space posting. The other was partially covered with gravel.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1126\1126_08.JPG

Description: This photo shows the manhole covered on the northwest corner of the 4702 Bldg. (described in the Technical Baseline Report as Tank 3). It is between the 4702 and 4734-D buildings.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1126\1126_09.JPG

Description: This photo shows a PVC vent pipe surrounded by concrete located near the manhole described as Tank 3. Both surface features are on the west side of the 4702 Bldg., between 4702 and 4734.

Waste Site Reclassification Form

Date Submitted: 12/4/1998 Originator: Phone:	Operable Unit(s): 300-FF-2 Waste Site ID: 400 RST Type of Reclassification Action: <div style="display: flex; justify-content: space-between;"> <div>Rejected</div> <div><input checked="" type="radio"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Closed-Out</div> <div><input type="radio"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>No Action</div> <div><input type="radio"/></div> </div>	Control Number: 98- 225
---	---	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Three septic tanks were installed in 1979 to supplement the 4607 Sanitary Sewer. Three septic tanks are shown on drawing H-4-152051 and are listed as inactive waste disposal units in the Hanford Site Waste Management Units Report. There are no signs to mark the septic tanks. Surface features in the locations indicated on the drawing include two steel manhole covers near the southeast portion of 4702. One lid was partially covered with gravel. It is bolted down in the center and has perforated holes around its perimeter. The second manhole cover is posted with a "Danger: Limited Access, Confined Space, Class II" sign. On the east side of the center wing of 4702 Building is a 0.6 meter (2 foot) square concrete pad with a white 10 centimeter (4 inch) diameter PVC vent pipe protruding from the center. On the west side of the 4702 Building is a steel manhole that is surrounded by four yellow posts. It is also posted with a Confined Space, Class II sign. South of this manhole (on the west side of 4702 Building) is another 0.6 meter (2 foot) square concrete pad with a white 10 centimeter (4 inch) diameter PVC vent pipe protruding from the center.

Basis for reclassification:

No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site.

<i>ST Buruch</i> DOE Project Manager	<i>Shirley T. Brennan</i> Signature	<i>1/27/99</i> Date
Ecology Project Manager <i>David R. Einar</i> EPA Project Manager	Signature <i>David R. Einar</i> Signature	Date <i>27 Jan 99</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 SBT

Site Classification: Rejected

Page 1

Site Names: 400 SBT, 400 Area Sand Bottom Trench, 400 Area Retired Sand Bottom Trench, Cooling Tower Overflow Trench

Site Type: Trench

Start Date: 1979

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 0

(N) 0

Washington State Plane

Site Description: A concrete-lined trench 61 meters (200 feet) long, 1 meter (3 feet) wide, and 0.3 meters (1 foot) deep, covered with steel grating. The site collects overflow water from the 483 Cooling Tower pad and directs it to the process sewer. There is no known contamination or postings at the site.

Location Description: The site is located north of the 483 Cooling Tower concrete pad running in an east to west direction. BHI-00012, Rev. 00, Figure 4-34, 300-FF-2 Operable Unit Technical Baseline report, shows the cooling tower overflow trench approximately 0.9 meters (3 feet) from the building.

Associated Structures: The site is related to the 483 Cooling Towers and process sewer.

Site Comment: Site regulatory compliance personnel report that the 400 Area Sand Bottom Trench never existed, although two documents state that it did and is now inactive. Table 3-6, DOE/RL-96-42, Limited Field Investigation Report for the 300-FF-2 Operable Unit, states this site is currently active. The documents describe a trench that is concrete lined, has a sand bottom, and is located north of the 483 Building. The active cooling towers overflow trench nearly matches the description provided in the two documents: it is concrete lined, located north of the 483 cooling towers, connected to the process sewer, and its concrete bottom is covered with windblown sand. Because the trench simply transports nonhazardous cooling tower blowdown to the process sewer, rather than discharging it to the environment through a sand bottom, it is not considered a waste site.

Environmental Monitoring Description: There is no environmental monitoring specific to the unit.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. Mike Crammer to Nancy Homan, 8/23/88, DSI: Update of WIDS database for blank coordinate field.
3. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
4. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
5. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Length: 60.96 Meters 200.00 Feet

Width: 0.91 Meters 3.00 Feet

Depth / Height: 0.30 Meters 1.00 Feet

Site Shape: Rectangle

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 **Confirmed By Program:** Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit:

No

RCRA Part B Permit: No

NPDES:

No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The 400 Area Sand Bottom Trench reportedly received an unknown amount of non-hazardous cooling tower blowdown. Site personnel state that the Cooling Tower Overflow Trench continues to receive non hazardous blowdown, also known as secondary cooling water. Secondary cooling water contains non-regulated quantities of a biocide, a microbiocide, and a softening agent. Chemicals used for secondary cooling water testing are also present in non regulated quantities.

References:**Field Work:**

Type: Site Walkdown

Begin Date: 10/05/1998

Field Crew: Tim Johnson, Mark Eby

End Date: 10/05/1998

Purpose: Site Verification**Comment:** The site was identified and found in the mapped location. The site collects overflow and drainage from the cooling towers. The sand bottom trench has been replaced with a concrete trench which drains to the process sewer.**Site Cover:****Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No**References:** 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.**Images:****Date Taken:** 10/6/98**Pathname:** \\bhi002\esd-img\400\1127\1127_01.JPG**Description:** View of trench from the west looking east.**Date Taken:** 1/1/94**Pathname:** \\bhi002\esd-img\400\1127\1127_02.JPG**Description:** This image shows the structure that is believed to have been called the 400 Area Sand Bottom Trench. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-44.**Date Taken:** 1/1/94**Pathname:** \\bhi002\esd-img\400\1127\1127_03.JPG**Description:** This image shows the structure that is believed to have been called the 400 Area Sand Bottom Trench. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-44.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	400 SBT	12/3/1998
Site Alias(es):	400 SBT, 400 Area Sand Bottom Trench, 400 Area Retired Sand Bottom Trench, Cooling Tower Overflow Trench	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.	<input type="radio"/>	<input checked="" type="radio"/>
2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)?	y <input checked="" type="radio"/> n <input type="radio"/>	
IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.		
2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?	y <input type="radio"/> n <input checked="" type="radio"/>	
2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?	y <input type="radio"/> n <input checked="" type="radio"/>	
2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act?	y <input type="radio"/> n <input checked="" type="radio"/>	
A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.		
2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)?	y <input type="radio"/> n <input checked="" type="radio"/>	
IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.		
2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)?	y <input type="radio"/> n <input checked="" type="radio"/>	
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.		

Site Code: 400 SBT

12/3/98

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>

Comments: The trench served only to transport nonhazardous water to the process sewer.

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

3/2/1999

Page 1

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency:	EPA
Unit Category:	Septic
TPA Appendix:	Other

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Sanitary Sewage
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Description:	Site personnel report the unit may have received waste from the T-100, T-101, T-102, T-103, T-104, T-105, T-106, T-107, T-108, and T-109 trailers. The tank received 2,839 liters (750 gallons) of sanitary waste each day. Effluent from this septic tank was discharged to the 4608 Sanitary Tile Field.
References:	1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00. 2. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Field Work:

Type:	Site Walkdown		
Begin Date:	11/06/1998	Field Crew:	CR Webb, C. Marple
End Date:	11/06/1998		
Purpose:	Verification		
Comment:	Septic tank has been backfilled with sand.		
Site Cover:	Moderate Vegetation		
Site Accessible:	Yes	Site Found:	Yes

Site Code: 400 SS

Site Reclassification Status: Rejected

Page 3

Soil Discoloration: No

Debris Visible: No

Vegetation Type: Bunchgrasses

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1128\1128_01.JPG

Description: This photo shows waste site 400 SS. This photo was also used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-19.

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1128\1128_02.JPG

Description: This photo shows the two fiberglass manhole covers and two large mounds of sand that indicate the septic tank has been backfilled.

Waste Site Reclassification Form

Date Submitted: 12/4/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 400 SS Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-226
---	--	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The unit is a septic tank with a 11,355 liter (3000 gallon) capacity. The surface features of the septic tank were two fiberglass manhole covers. One of the manhole covers was posted with a "Danger: Confined Space" sign. The septic tank is located southwest of FMEF and the MO-353 office trailer, outside the security fence. The site is inside (east end) an area enclosed by a light weight post and chain. The chained area measures 30.5 by 36.6 meters (100 feet by 120 feet).

Basis for reclassification:

A site visit on November 6, 1998, found evidence that the septic tank had been backfilled with sand. A phone conversation with Jeff Thomock confirmed that the tank was abandoned in place in June 1998. No samples were taken because the tank serviced only office trailers. No evidence exists to indicate hazardous, dangerous, or radioactive waste was disposed at this site.

<i>ST Brinkley</i> DOE Project Manager	<i>Steve Brinkley</i> Signature	<i>1/27/99</i> Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> EPA Project Manager	<i>David R. Einar</i> Signature	<i>27 Jan 99</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400 STF

Site Reclassification Status: Rejected

Page 1

Site Names: 400 STF, 400 Area Sanitary Tile Field, 4608 Sanitary Tile Field, 4608 STF

Site Type: Drain/Tile Field

Start Date: 1983

Status: Inactive

End Date: 1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587056.75

(N) 122887.484

Washington State Plane

Site Description: The sanitary tile field is located within and at the west end of a vegetation-covered area that is bounded by steel posts and barricade chain. The 4608 Sanitary Sewer septic tank (400 SS) is on the east end of the chained area. The chained area is posted with a blue-and-white sign that reads "No Vehicles--Septic Field." The tile field has no surface features.

Location Description: The tile field is located in the southwest corner of the 400 Area, outside the security fence. It is inside an area bounded by light weight post and chain that measures 30.5 meters (100 feet) by 36.6 meters (120 feet).

Associated Structures: The tile field is associated with the 400 SS septic tank (WIDS Site 400 SS) and the office trailers MO-353, MO-378, MO-379, and MO-908. The mobile office trailers are now unoccupied.

Site Comment: The septic tank (400 SS) was abandoned in place by being backfilled with sand in June 1988. This action has eliminated the flow to the tile field.

Environmental Monitoring Description: No routine monitoring is performed for radioactive or nonradioactive constituents.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Site Hazards:

Hazard Type: General

Status: Posted

Date: 10/13/97

Description: No Vehicles

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70

Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible

Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit:

No

RCRA Part B Permit: No

NPDES:

No

Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency:	EPA
Unit Category:	Septic
TPA Appendix:	Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The unit received liquid wastes from the 4608 Sanitary Sewer septic tank. Site personnel report the tank and tile field may have received wastes from the T-100, T-101, T-102, T-103, T-104, T-105, T-106, T-107, T-108, and T-109 trailers.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown

Begin Date: 11/06/1998

Field Crew: CR Webb, C. Marple

End Date: 11/06/1998

Purpose: Verification

Site Cover: Moderate Vegetation

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Vegetation Type: Bunchgrasses

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Site Code: 400 STF

Site Reclassification Status: Rejected

Page 3

Date Taken: 11/6/98

Pathname: \\bhi002\esd-img\400\1129\1129_01.JPG

Description: This photo shows the posts and chain surrounding the 4608 septic tank and tile field.

Waste Site Reclassification Form

Date Submitted: 12/4/1998 Originator: Phone:	Operable Unit(s): 300-FF-2 Waste Site ID: 400 STF Type of Reclassification Action: <div style="display: flex; justify-content: space-around;"> <div>Rejected <input checked="" type="radio"/></div> <div>Closed-Out <input type="radio"/></div> <div>No Action <input type="radio"/></div> </div>	Control Number: 98- 227
---	---	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The sanitary tile field is located within and at the west end of a vegetation-covered area that is bounded by steel posts and barricade chain. The 4608 Sanitary Sewer septic tank (400 SS) is on the east end of the chained area. The chained area is posted with a blue-and-white sign that reads "No Vehicles--Septic Field." The tile field has no surface features.

Basis for reclassification:

The septic tank (400 SS) was abandoned in place by being backfilled with sand in June 1988. This action has eliminated the flow to the tile field. No evidence exists to indicate hazardous, dangerous, or radioactive waste.

ST Burnum	[Signature]	1/27/99
DOE Project Manager	Signature	Date
David R. Eiman	[Signature]	27 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400-1

Site Reclassification Status: Rejected

Page 1

Site Names: 400-1, 400-1 Dump Site

Site Type: Dumping Area

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587835.562

(N) 123515.469

Washington State Plane

Site Description: The site is an area of soil mounds containing waste material. The mounds vary in content from backfill material (soil and rocks) to chunks of concrete, red volcanic landscaping rocks, metal piping, rebar, chunks of asphalt, and signs. The mounds are from 0.6 to 1.5 meters (2 to 5 feet) high. Some are partially covered with natural vegetation. The entire site is raised approximately 1.5 meters (5 feet) above the perimeter road that surrounds the 400 Area.

Location Description: The site is located near the northeast corner of the 400 Area, outside the perimeter fence. It is approximately 69 meters (228 feet) from the fence corner.

Site Comment: As of the October 7, 1998 field walkdown, the site is unchanged from the 1994 site visit description.

References:

1. Duane Jacques, 1/15/92, WIDS Site Addition, 400-1.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Dimensions:

Length:	91.44 Meters	300.00 Feet
Width:	30.48 Meters	100.00 Feet

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	Confirmed By Program:	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

**Air Operating Permit
Number(s):**

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Construction Debris

Category: Nondangerous/nonradioactive

Physical State: Solid

Description: The site contains piles of soil, concrete and rubble, a small amount of miscellaneous materials such as traffic markers and landscape rocks, and a few pieces of concrete asbestos board. Approximately 6 half 208 liter (half 55 gallon) drums (cut in half) are also present.

References: 1. Duane Jacques, 1/15/92, WIDS Site Addition, 400-1.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998

Field Crew: Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: Concrete, rubble and miscellaneous debris are still visible at the site. The site is unchanged from the 1994 site visit description.

Site Cover: Moderate Vegetation

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: Yes

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1130\1130_01.JPG

Description:	Photo shows debris and concrete chunks dumped in this area.
Date Taken:	1/1/94
Pathname:	\\bhi002\esd-img\400\1130\1130_02.JPG
Description:	This image shows waste site 400-1. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-14.

Waste Site Reclassification Form

Date Submitted: 10/9/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400-1 Type of Reclassification Action: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Rejected <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Closed-Out <input type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> No Action <input type="radio"/> </div>	Control Number: 98-091
--	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a dumping area that appears as an area of mounds containing waste material. The mounds vary in content from backfill material (soil and rocks) to chunks of concrete, red volcanic landscaping rocks, metal piping, rebar, chunks of asphalt, and signs. The mounds are from 0.6 to 1.5 meters (2 to 5 feet) high. Some are partially covered with natural vegetation. The entire site is raised approximately 1.5 meters (5 feet) above the perimeter road that surrounds the 400 Area.

Basis for reclassification:

There is no evidence of any hazardous material associated with this site. The debris is associated with the construction of the FFTF Complex. The "Summary of 300-FF-2 Data Quality Objective Process", BHI-00601 lists the site as not requiring any CERCLA action.

<i>Douglas H. Chapin</i> DOE Project Manager	<i>Ray Hill</i> Signature	<i>12/3/98</i> Date
Ecology Project Manager	Signature	Date
<i>David R. Finan</i> EPA Project Manager	<i>David R. Finan</i> Signature	<i>3 Dec 98</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400-2

Site Classification: Rejected

Page 1

Site Names: 400-2, Concrete Batch Plant

Site Type: Process Unit/Plant

Start Date: 1972

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587673.688

(N) 123544.781

Washington State Plane

Site Description: The site is a vegetation-free, cobble-covered area that is surrounded by a 2.4-meter (8-foot) high chain-link fence. A concrete building foundation is located at the southwest corner of the fenced area, with rebar and wooden supports protruding from its surface. Several material staging areas contained raw materials for the concrete production. They are open ended, concrete walled bins, located near the building foundation. There is a metal lined pit inside the fenced area that has been used to train employees to use fire extinguishing equipment.

Location Description: The site is located just north of the perimeter road that runs along the 400 Area's north side, and east of several railroad tracks.

Associated Structures: The site was associated with the construction of the FFTF.

Site Comment: Site personnel state the batch plant was used for concrete mixing during the construction phase of the Fast Flux Test Facility in the 1970's. The batch plant has since been removed, although building foundations and raw material bins remain.

A site visit in October 1998 found the site to be unchanged from the 1994 site visit description.

The "Summary of 300-FF-2 Data Quality Objective Process", BHI-00601 states that the site requires no CERCLA action.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
4. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Dimensions:

Length:	85.34 Meters	280.00 Feet
Width:	51.82 Meters	170.00 Feet

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	Confirmed By Program:	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:**Permitting**

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type:	Site Walkdown		
Begin Date:	10/07/1998	Field Crew:	Chris Webb, Mark Eby
End Date:	10/07/1998		
Purpose:	Verification		
Site Cover:	Gravel or Rock		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken:	10/7/98
Pathname:	\\bhi002\esd-img\400\1769\1769_01.JPG
Description:	Photo shows a metal lined pit used for training people to extinguish fires.
Date Taken:	10/7/98
Pathname:	\\bhi002\esd-img\400\1769\1769_02.JPG

Site Code: 400-2

Site Classification: Rejected

Page 3

Description:	Photo shows the concrete batch plant material storage bins.
---------------------	---

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	400-2	12/3/1998
Site Alias(es):	400-2, Concrete Batch Plant	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y ☐ n ☒

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES NO

☐ ☒

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ☒ n ☐

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ☐ n ☒

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ☐ n ☒

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☒

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ☐ n ☒

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ☐ n ☒

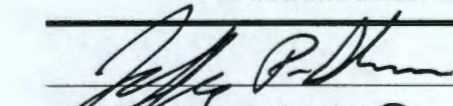
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 400-2

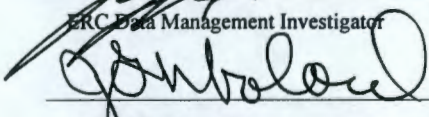
12/3/98

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	<input type="radio"/>	<input checked="" type="radio"/>
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
5.	Is the unit an inactive, contaminated structure?	YES	NO
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO

Comments: There is no indication that materials were left in the pits described in BHI-00012. The materials left on the surface (fencing, foundation) are not in a discernible unit and routine and systematic discharges are not indicated; therefore the site is not a SWMU. The site contains no known hazardous substances.

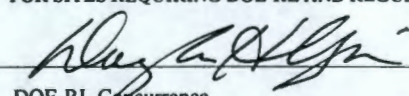

ERC Data Management Investigator

Date


Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

Date


Lead Regulatory Agency Concurrence

Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400-3

Site Classification: Rejected

Page 1

Site Names: 400-3, 400 DT, 400 Area Drainage Trench, 400 Area Storm Drain Outfall Trench, Miscellaneous Stream #732

Site Type: Trench

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587829.938

(N) 123577.539

Washington State Plane

Site Description: This trench emerges just north of the perimeter road, at the northeast corner of the 400 Area, and travels north-northeast for approximately 90 meters (300 feet). The sides of the trench are covered with cobblestones, and the bottom is covered with cobblestones and sand. At its starting point near the perimeter road, the trench is 9 meters (30 feet) wide and 6 meters (20 feet) deep. There is no obvious end to the trench, as it narrows down and eventually becomes an area of disturbed vegetation.

Location Description: The trench is located west of the 400-1 dump site, at the northeast corner of the perimeter of the 400 Area..

Site Comment: Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

Although the trench contained dry tumbleweeds and no water when observed in May 1994, Site personnel report that it remains active. The site remained unchanged at a site visit in October 1998.

- References:**
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 2. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.
 3. 1/12/82, Surface Water Drainage - 400 Area, H-4-155518.
 4. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 5. Kami Barry to Sandra Alexandra (CC: Christine Webb), 8/1/97, Changes to the 400 Area Miscellaneous Streams.
 6. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length:	91.44 Meters	300.00 Feet
Width:	9.14 Meters	30.00 Feet
Depth / Height:	6.10 Meters	20.00 Feet

- References:**
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	Confirmed By Program:	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	
Closure Plan:	No	State Waste Discharge Permit:	
TSD Number:		Septic Permit:	
Air Operating Permit:	No	Inert Landfill:	
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: Site personnel report that the unit receives storm runoff from various drains throughout the 400 Area. The Inventory of Miscellaneous Streams Report (DOE/RL-95-82) states this trench receives less than 0.038 liters per minute (0.01 gallons per minute) of stormwater runoff.
References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 10/07/1998 Field Crew: Chris Webb, Mark Eby
End Date: 10/07/1998
Purpose: Verification
Comment: The site is unchanged from the 1994 Site Visit description.
Site Cover: Moderate Vegetation
Site Accessible: Yes Site Found: Yes

Site Code: 400-3

Site Classification: Rejected

Page 3

Soil Discoloration: No

Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1770\1770_01.JPG

Description: Photo shows the drainage ditch at the northeast corner of the 400 Area.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1770\1770_02.JPG

Description: This image shows waste site 400-3. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-15.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 400-3 12/3/1998
Site Alias(es): 400-3, 400 DT, 400 Area Drainage Trench, 400 Area Storm Drain Outfall Trench, Miscellaneous Stream #732

Waste Management Unit Not a Waste Management Unit More Information Needed



1. Does the unit receive uncontaminated rainwater runoff only? y ☒ n ☐

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES NO



2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y ☐ n ☐

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y ☐ n ☐

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y ☐ n ☐

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y ☐ n ☐

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y ☐ n ☐

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y ☐ n ☐

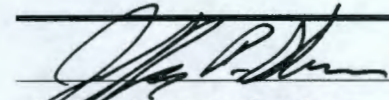
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 400-3

12/3/98

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments: The site receives stormwater runoff which does not qualify for WIDS as documented in the 1987 HSWMUR.


ERG Data Management Investigator

Date

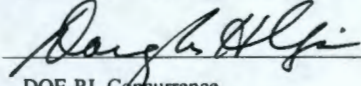
12/3/98


Regulatory Compliance Concurrence

Date

12/3/98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

Date

12/3/98


Lead Regulatory Agency Concurrence

Date

3 Dec 98

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400-4

Site Reclassification Status: Rejected

Page 1

Site Names: 400-4, Suspected Burial Ground (East of FFTF)

Site Type: Burial Ground

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 588282.438

(N) 123672.633

Washington State Plane

Site Description: The site visit done in 1994 to support the 300-FF-2 Operable Unit Technical Baseline Report indicated the site appeared to possibly be a closed burial ground that had been covered with soil. Large mounds of soil are located on the north side of a flat area that measures approximately 30 by 15 meters (100 by 50 feet). The soil has been mounded approximately 3 to 6 meters (10 to 20 feet) above the surrounding terrain. Vegetation on the mound is sparse. In 1994, some waste, such as a glove and an electrical cable, were partially visible.

Location Description: The site is located northeast of the 400 Area.

Site Comment: The facility representative for the 1998 site walkdown stated he has no knowledge of any material being buried at this site.

A radiological survey of the area was done in 1995 as part of the 300-FF-2 Limited Field Investigation. No contamination was identified.

- References:**
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 2. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
 3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 4. C.R. Webb, 10-7-98, Interviews with Mark Eby during 400 Area Site Walkdowns.

Dimensions:

Length:	30.48 Meters	100.00 Feet
Width:	15.24 Meters	50.00 Feet

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program:	NE-80	Confirmed By Program:	Yes
DOE Division:	SPO - Standby Project Office		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No

Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Misc. Trash and Debris

Category: Unknown

Physical State: Solid

Waste Obscured: Soil Overburden

Description: A small amount of visible surface debris. A glove and an electric cable.

References: 1. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Field Work:

Type: Site Walkdown

Begin Date: 10/07/1998

Field Crew: Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Comment: There is no change in the site appearance since the site visit in 1994.

Site Cover: Sparse Vegetation

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Type: Radiation Survey

Begin Date: 08/24/1995

End Date: 08/24/1995

Purpose: Determine Radiological Conditions

Comment: A radiological survey was conducted by the RadCon Technical Support Group of Thermo Hanford, Inc. using the Mobile Radiological Data System (MRDS) for the recording of gross gamma radiation levels at or near 15.2 centimeters (6 inches) from the surface soil.

MRDS radiological information was obtained from 5.1 centimeters by 5.1 centimeters (2 inch by 2 inch) NaI (sodium iodide) detector attached to an Eberline SRM Count Rate Meter and a laptop computer recording detector counts per minute (cpm). This activity is normalized for cesium-137 utilizing the detector efficiency determined during system calibration.

The radiation survey instruments were checked at the beginning of each day for the proper instrument response. This was accomplished by placing a radioactive check source next to the detector and observing the instrument's response to the source. Local background gamma radiation readings were also recorded in the vicinity of all contaminated areas found.

The MRDS alerts the operator if the radiological readings exceed an alarm threshold level. Any area that exceeded this threshold setting would be investigated with Hanford standard hand held radiological instrumentation to determine if these were surface contamination, underground radioactive material, or false alarms.

To determine if radiation emanating from the soil is caused by surface contamination or underground radioactive material, a small amount of soil from the area of concern is removed. This removed soil is surveyed, as is the site of soil removal. Underground radioactive material can be identified if the removed soil is found not to be contaminated, and the radiation levels from the removal site are increasing. It is typical to only remove soil to a depth of 5.1 centimeters (2 inches) {not to exceed 15 centimeters (6 inches)}, and the site of removal is a small area (less than or equal to 13 square 0.18 square meters (2 square feet).

The area surveyed for this site was 15.2 meters by 30.5 meters (50 feet by 100 feet). The results from the survey instrument were less than detectable for the MRDS.

References: 1. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1771\1771_01.JPG

Description: Photo shows the mounds of dirt previously described in the 300-FF-2 Technical Baseline report.

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1771\1771_02.JPG

Description: Photo shows the dirt piles adjacent to the area suspected to be a burial trench.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1771\1771_03.JPG

Description: This image shows waste site 400-4. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94040997-22.

Waste Site Reclassification Form

Date Submitted: 10/23/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400-4 Type of Reclassification Action: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Rejected <input checked="" type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Closed-Out <input type="radio"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> No Action <input type="radio"/> </div>	Control Number: 98- 158
---	---	--------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site visit done in 1994 to support the 300-FF-2 Operable Unit Technical Baseline Report indicated the site appeared to possibly be a closed burial ground that had been covered with soil. Large mounds of soil are located on the north side of a flat area that measures approximately 30 by 15 meters (100 by 50 feet). The soil has been mounded approximately 3 to 6 meters (10 to 20 feet) above the surrounding terrain. Vegetation on the mound is sparse. In 1994, some waste, such as a glove and an electrical cable, were partially visible.

Basis for reclassification:

The "Summary of the 300-FF-2 Operable Unit Data Quality Objective Process", BHI-00601, lists the action to be taken as a radiological survey to determine if the site required further action. A radiological survey was performed on 8/24/1995. The radiological result was less than detectable. Since the radiation level readings were below the requirements for designating a Surface Contamination Area (SCA), the site is not a CERCLA site.

<i>Douglas H. Chapin</i> DOE Project Manager	<i>Ray H. Hill</i> Signature	<i>12/3/98</i> Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> EPA Project Manager	<i>David R. Einar</i> Signature	<i>3 Dec 98</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400-5

Site Reclassification Status: Closed Out

Page 1

Site Names: 400-5, Septic Tank or Cistern

Site Type: Septic Tank

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587486.812

(N) 123554.602

Washington State Plane

Site Description: Prior to 1998, a concrete pipe emerged from the ground approximately 6 meters (20 feet) north of a building foundation. The pipe had an inside diameter of 0.6 meters (2 feet) and was loosely covered with a wooden cover. It dropped approximately 4.6 meters (15 feet) into a concrete or concrete-lined circular vault. On September 16, 1998, the site was backfilled with sand slurry. It is currently surrounded by "Caution" tape.

Location Description: The site is located north of the perimeter road that runs along the north side of the 400 Area, on the outside of the perimeter fence.

Process Description: The 300-FF-2 Technical Baseline report states the vault may have been a septic tank or cistern used in the 1970's during the construction phase of the 400 Area.

The Limited Field Investigation Report indicates the adjacent building foundation may have been a testing laboratory for testing concrete cores. The small structure that is also located in this vicinity is assumed to have been a sample preparation and concrete curing room. Remnants of concrete cores were observed around the building foundation and the cistern. At the time the samples were taken, a hose was inside the tank that may have been used to pump out the contents when the operation was abandoned. The floor of the tank contained sand and animal nesting material.

Site Comment: During the 300-FF-2 Limited Field investigation (1995), the site was sampled and a radiological survey was done. No radiological contamination was identified. No metal concentrations were identified and the gross beta values were at background level.

On September 16, 1998 the site was filled with sand slurry to complete the closeout of this site, in compliance with state regulations for abandonment of septic tanks

- References:**
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 2. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
 3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 4. Tom Dillhoff, Site Information Review of 400 Area Waste Sites.

Dimensions:

Depth / Height: 0.61 Meters 2.00 Feet

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80

Confirmed By Program: Yes

DOE Division: SPO - Standby Project Office

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit:

No

RCRA Part B Permit: No

NPDES:

No

Closure Plan: No

State Waste Discharge Permit:

No

TSD Number:

Septic Permit:

No

Air Operating Permit: No

Inert Landfill:

No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Field Work:

Type: GPS Surveys

Begin Date: 12/20/1995

Field Crew: K.A. Prosser, Larry Hulstrom

End Date: 12/27/1995

Data Repository: HGIS

Purpose: Mapping

Job Number: 36

Type: Post-Processed Kinematic

References:

Type: Site Walkdown

Begin Date: 10/07/1998

Field Crew: Chris Webb, Mark Eby

End Date: 10/07/1998

Purpose: Verification

Site Cover: Moderate Vegetation

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Type: Analytical Sampling

Begin Date: 01/01/1995

End Date: 01/01/1995

Purpose: Limited Field Investigation

Comment: Two samples (B0GG05 and B0GG06) were collected from the tank and analyzed for Gross Alpha, Gross Beta, and metal content. All metal values were listed as non detectable. MTCA Method C was applied. Gross Beta results were 20.9 ± 3.6 pico curies per gram, which is typical for soil background levels in the area.

References: 1. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Type: Analytical Sampling

Begin Date: 08/24/1995

End Date: 08/24/1995

Purpose: Determine Radiological Condition

Comment: A radiological survey was conducted by the RadCon Technical Support Group of Thermo Hanford, Inc. using Hanford standard survey equipment consisting of an Eberline count rate meter with a Geiger Mueller (GM) detector attached to the end of a pole (walking stick) to scan ground surfaces, with the health physics technician (HPT) watching the meter face and manually notating readings.

The radiation survey instruments were checked at the beginning of each day for the proper instrument response. This was accomplished by placing a radioactive check source next to the detector and observing the instrument's response to the source. Local background gamma radiation readings were also recorded in the vicinity of all contaminated areas that were found.

To determine if radiation emanating from the soil is caused by surface contamination or underground radioactive material, a small amount of soil from the area of concern is removed. This removed soil is surveyed, as is the site of soil removal. Underground radioactive material can be identified if the removed soil is found not to be contaminated, and the radiation levels from the removal site are increasing. It is typical to only remove soil to a depth of 5.1 centimeters (2 inches) [not to exceed 15 centimeters (6 inches)], and the site of removal is a small area (less than or equal to 0.18 square meters (2 square feet)).

The area surveyed for this site was 1.5 meters by 1.5 meters (5 feet by 5 feet). The results from the survey instrument were less than detectable for the GM.

References: 1. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1772\1772_01.JPG

Description: Photo shows the backfilled cistern surrounded by "Caution" tape.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1772\1772_02.JPG

Description: This image shows waste site 400-5. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-14.

Waste Site Reclassification Form

Date Submitted: 10/12/1998 Originator: M. E. Eby Phone: (509) 376-8991	Operable Unit(s): 300-FF-2 Waste Site ID: 400-5 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 98-092
---	---	-------------------------------

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Prior to 1998, a concrete pipe emerged from the ground approximately 6 meters (20 feet) north of a building foundation. The pipe had an inside diameter of 0.6 meters (2 feet) and was loosely covered with a wooden cover. It dropped approximately 4.6 meters (15 feet) into a concrete or concrete-lined circular vault. On September 16, 1998, the site was backfilled with sand slurry. It is currently surrounded by "Caution" tape.

Basis for reclassification:

During the 300-FF-2 Limited Field investigation (1995), the site was sampled and a radiological survey was done. No radiological contamination was identified. No metal concentrations were identified and the gross beta values were at background level.

On September 16, 1998 the site was filled with sand slurry to complete the closeout of this site, in compliance with state regulations for abandonment of septic tanks

<u>Douglas H. Chapin</u> DOE Project Manager	<u>Douglas H. Chapin</u> Signature	<u>12/3/98</u> Date
<u>David R. Einem</u> EPA Project Manager	<u>David R. Einem</u> Signature	<u>3 Dec 98</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 400-6

Site Reclassification Status: Rejected

Page 1

Site Names: 400-6, Material Dumping Area (North of FFTF), Material Dumping Area and Building Foundation

Site Type: Dumping Area

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 400

(E) 587483.625

(N) 123547.516

Washington State Plane

Site Description: The site consists of a building foundation, sidewalks, and construction and demolition debris. The concrete building found is approximately 23 meters (75 feet) long and 7.6 meters (25 feet) wide. A portion of the building remains standing. That portion is made of painted concrete blocks with a corrugated metal roof. The floor slopes to a centered drain. Lumber at the site indicates that the rest of the building may have been of wood construction.

Location Description: The site is located north of the perimeter road that runs along the north side of the 400 Area, outside the perimeter fence.

Process Description: During the 300-FF-2 Limited Field Investigation (1995), a closer inspection of the area determined the building foundation was a testing laboratory for concrete cores. The small structure is assumed to have been a sample preparation and concrete curing room. There are numerous remnants of concrete cores around the area.

Associated Structures: A cistern or septic tank is located within this area, adjacent to the building foundation. It is listed in the WIDS Database as sitecode 400-5.

Site Comment: In October of 1998, the appearance of the site was unchanged from the 1994 site visit description.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
3. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
4. L. C. Hulstrom, 1/1/96, Summary of the 300-FF-2 Operable Unit Data Quality Objective Process, BHI-00601.

Dimensions:

Length: 91.44 Meters 300.00 Feet

Width: 60.96 Meters 200.00 Feet

Comment: This dimension indicates the approximate size of the debris field.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80

Confirmed By Program: Yes

DOE Division: SPO - Standby Project Office

Responsible

Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category:
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Construction Debris
Category: Hazardous/Dangerous
Physical State: Solid
Description: Debris scattered randomly at the site includes glass, metal, bricks, and wood from the building; wooden pallets; chunks of concrete; metal scraps; concrete core samples; and other construction materials. Surplus concrete and asphalt were also poured in an area at the north end of the site.
References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Field Work:

Type: Site Walkdown
Begin Date: 10/07/1998 Field Crew: Chris Webb, Mark Eby
End Date: 10/07/1998
Purpose: Verification
Comment: The site appearance has not changed since the site visit of 1994.
Site Cover: Moderate Vegetation
Site Accessible: Yes Site Found: Yes
Soil Discoloration: No Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/7/98

Pathname: \\bhi002\esd-img\400\1773\1773_01.JPG

Description: Photo shows trash, a building foundation and a small structure.

Date Taken: 1/1/94

Pathname: \\bhi002\esd-img\400\1773\1773_02.JPG

Description: This image shows waste site 400-6. This photo was used in the 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012. Negative # 94031613-12.